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The
CHEMIST AND DRUGGIST



Complete

for RETAILER — WHOLESALE — MANUFACTURER

OCTOBER 7, 1950

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OCTOBER 7, 1950

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NEWS OF THE WEEK

Tralee Guild of Pharmacy.—The Tralee Branch of the Guild of Pharmacy are holding their third annual ball in the Ashe Memorial Hall, Tralee, on October 24.

Examination Award.—The gold medal of the Pharmaceutical Society of Ireland for 1950 has been awarded to Mr. James O'Sullivan, L.P.S.I., Tarbert, co. Kerry, who obtained first place and first class honours in his examination.

Proprietary Medicines under N.H.S.—The Ministry of Health have advised further corrections to the list of proprietary medicines advertised to the public (see *C. & D.*, September 23, p. 362) The following products should be deleted from the list:—Rybar C. T. A., Rybar eye lotion, Treutabs.

Aberdare - Merthyr Dinner.—Members of the Aberdare and Merthyr Branch of the Pharmaceutical Society held a dinner at Merthyr Tydfil on September 23 at which the chief guest was Miss M. C. Islip (a member of the Society's Council and president, Guild of Public Pharmacists). Miss G. Humphreys (chairman of the Branch) presided, and proposed the Pharmaceutical Society, to which Miss Islip replied. Mr. B. Walters (vice-chairman) moved a vote of thanks to Miss Islip, and Mr. H. Noel Thomas (secretary) presented her with a cheque from the Branch for the Society's Benevolent Fund. Mr. R. C. Jones, Treharris, entertained guests during dinner with character studies.

Import and Duty Concessions.—Provision has been made for the remission of duty on individual consignments of goods intended for non-commercial use in scientific research, instruments and apparatus of a kind liable to Key Industry Duty, and goods for industrial research. For the convenience of importers applications for remission of duty may be addressed now to

the Board of Trade, Industries and Manufacturers Department, Division 1B, I.C. House, Millbank, London, S.W.1. These arrangements do not avoid the need for importers to make separate application for an import licence where this is necessary. From September 26, the various "liberalisation" import concessions have been extended to Western Germany. These concessions permit the import without individual licence of a wide range of goods from most O.E.E.C. and many other soft-currency countries.

Coroner's Remarks Resented.—Following a recent meeting of the Birkenhead and Wirral Pharmacists' Association, Mr. R. C. N. Powell (secretary) issued a statement pointing out that the recent reports of an inquest (see p. 394) on a small child who died through taking tablets prescribed for its mother's use had referred to an alleged failure on the part of the chemist supplier to take proper precautions to guard against such a possibility. The tablets in question," continued the statement, "were supplied on a medical prescription, and it would have been professionally unethical for the chemist to have labelled them otherwise than in strict accordance with the prescriber's directions. . . . Any such warning must be a matter for the doctor, where he considers it appropriate. In the main, the public does realise the necessity for keeping all medicines in place where infants and small children cannot readily gain access to them. Having regard to the high professional standards of pharmacists which ensure that all legal requirements in handling medicines are observed, and that the public is safeguarded to the fullest extent consistent with responsibilities to doctor and patient, the coroner's remarks, based as they are on an apparent misunderstanding of the position, are much resented by local chemists."

German Liberalisation List.— The Federal German Government has extended to the United Kingdom and her dependent overseas territories a list of goods for which unrestricted entry into the Federal Republic will be granted. Copies of the list will be available at the Board of Trade shortly.

Pharmaceutical General Council (Scotland).— At a meeting of the Pharmaceutical General Council (Scotland) held at 36 York Place, Edinburgh, on August 30, the following were declared to constitute the Pharmaceutical Standing Committee (Scotland):— Messrs. John Anderson, F. W. M. Bennett, T. W. Buchanan, P. H. Cartwright, E. Fraser, F. Hepburn, C. W. Macfarlane, A. McKinlay, C. A. Michie, A. Officer, W. G. Robb, J. Simpson, G. M. C. Stewart, John Boyd, Colin Campbell, A. B. Gilmour, W. S. Culbert. Messrs. Macfarlane and Officer were elected Members. Mr. Bennett was elected Chairman and Mr. Stewart was elected Vice-chairman. At a meeting held on September 13, the following were co-opted to the Standing Committee:— Messrs. Chas. Coutts, Alex. Murray, John Weir. At the same meeting Messrs. Anderson, Bennett, Cartwright, Stewart, Weir and Dr. McCall were elected to represent the Pharmaceutical Standing Committee on the Chemist Contractors (Scotland) Committee, (Staff Side, Committee B.). With Messrs. Murray and Robb as deputies, Mr. Boyd was elected a representative of the corporate bodies, and Mr. Campbell a representative of the co-operative societies on the above Committee.

Chemists Federation.— At a meeting of the Chemists Federation Council held on September 21, the president (Mr. E. A. Brocklehurst) in the chair the following addition to schedules of C.F. agreements was accepted:— Meggeson & Co., Ltd. (Meggeson's Gee's Linctus Pastilles). A report of the meeting of the propaganda committee was approved. Two applications for wholesaler membership were not accepted and the third deferred for further consideration. The following names were deleted from the C.F. list:— Buchanan Laboratories; Cal-Ma-Vite Laboratories, Ltd.; Kress & Owen, Ltd.; Matthews Laboratories, Ltd.; Pharman Birtley, Ltd.; Tidebrook Chemical Products, Ltd. A report of a meeting of the Northern Ireland C.F. Committee was received. The Council also considered the action to be taken in regard to unauthorised distribution of C.F. Products by unqualified traders in the London area.

Manx Levy on Prescriptions.— The levy of sixpence on prescriptions authorised by Tynwald, the Manx Parliament (see C. & D., September 23, p. 357) is to be paid to chemists.

COMING EVENTS

Monday, October 9

SOUTHAMPTON BRANCH, PHARMACEUTICAL SOCIETY, Polygon Hotel, Southampton, at 7.30 p.m. Film, "Medical Applications of Sulphonamides".

Tuesday, October 10

NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Room 75, Mechanics Institute, Trinity Square, at 7 p.m. Film show by Mr. S. E. Greenwood, "A Holiday in Spain".

WOLVERHAMPTON CHEMISTS' ASSOCIATION, Povey's Cafe, Wolverhampton, at 7.30 p.m. Illustrated lecture on "Nembutal".

Wednesday, October 11

GLASGOW AND SOUTH WESTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Hall of the Institute of Accountants and Actuaries, 220 St. Vincent Street, Glasgow, at 7.30 p.m. Mr. C. W. Macfarlane on "Present-Day Pharmaceutical Problems".

INSTITUTE OF PACKAGING (NORTHERN AREA). Houldsworth Hall, Deansgate, Manchester, at 2.30 p.m. Specialist team on packaging will answer "Any Questions."

NEW COMPANIES

EILES, GOULD & SON, LTD. (P.C.).—Capital £100. To carry on the business of chemists, druggists, etc. Sidney H. Eiles, director. R.O.: 67 Moorgate, London, E.C.2.

ARCHANIUM CO., LTD. (P.C.).—Capital £100. To acquire the business of manufacturing chemists carried on by the Archanium Co. at Ellenden, Sandhurst, Kent. Georgina B. E. Heyworth and Pamela G. Nesfield, directors.

SYDNEY PHARMACIES, LTD. (P.C.).—Capital £5,000. To carry on the business of wholesale, retail and manufacturing chemists and druggists, etc. First directors are not named. R.O.: Gwydir Chambers, 104 High Holborn, London, W.C.1.

W. B. COLE (CHEMISTS), LTD. (P.C.).—Capital £1,000. To carry on the business of manufacturing, pharmaceutical and general chemists, etc. Clara J. Cole, Claire J. Cole, and John E. Hutt, M.P.S., directors. R.O.: Swan Street, Sible Hedingham, Essex.

A. R. CROSS (PHARMACEUTICALS), LTD. (P.C.).—Capital £100. To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, etc. Arthur R. Cross, and Douglas G. Cross, directors. R.O.: 476 Hertford Road, Enfield, Middlesex.

NORSCOT SALES, LTD. (P.C.).—Registered in Edinburgh. Capital £100. To carry on the business of agents for and dealers in chemical goods, drugs, etc. Alexander Mulholland, M.P.S., and Ronald C. Cameron, directors. R.O.: 16 Commerce Street, Elgin.

Company News

GREEFF-CHEMICALS HOLDINGS, LTD.—An interim dividend of 4 per cent. has been declared on account of the year ending December 31, compared with 3½ per cent. for the previous year.

Santonin to be Produced in Pakistan.—British manufacturers of santonin—T. & H. Smith, Ltd., Edinburgh, and Carnegie Chemicals (Welwyn), Ltd., Welwyn Garden City—have announced that they have concluded a long-term contract with the government of Pakistan for the supply of *Artemisia*. A new company, Kurram Chemical Co., Ltd., in which the two companies have an equal interest, is being formed; it will be registered in Pakistan

shortly, and a factory is being erected at Rawalpindi under the supervision of chemists from the British companies. A laboratory is being established in Pakistan to co-operate with the Department of Agriculture in improving the santonin content of *Artemisia*. The chemists of the Pakistan company will collaborate with provincial government departments in the development of other areas as sources of supply of santonica and for the cultivation, collection and processing of other drugs indigenous to Pakistan. Marker Alkaloids, Quetta (sole agents: Biddle, Sawyer & Co., Ltd., London) are also parties to the santonica contract with the Pakistan Government.

LEGAL REPORTS

Pharmacy Act Fine.—At Huddersfield; West Riding, police court on September 25, Slaithwaite & District Co-operative Society, Ltd., were fined £5 for a breach of the Pharmacy and Poisons Act, 1933. It was alleged that the word "Pharmacy" had been used over a business at which a qualified pharmacist was no longer in control. A plea of not guilty was entered and it was stated that when the Society lost its pharmacist full information had been given to the Pharmaceutical Society and to the police superintendent of the area; a notice had also been put up in the shop indicating that there was no longer a qualified pharmacist on the premises. The vacancy had been advertised nineteen times.

Pharmacy Act Fines. — At Hove, recently, Lows (Port Slade), Ltd., 69 Station Road, Portslade, were fined a total of £10 for two contraventions of the Pharmacy and Poisons Act, 1933.—At Old Street, London, magistrates' court on September 22, fines totalling £100 were imposed on Stoke Newington Chemists, Ltd., 75 High Street, Kingsland, London, E.8, on four charges (made at the instance of the Pharmaceutical Society) of breaches of the Pharmacy and Poisons Act, 1933. The charges included selling slimming (dextro-amphetamine) tablets to an agent of the Pharmaceutical Society without making an entry in the Poisons Register and without taking a signature. "I am told," said the magistrate, "that the gentleman who really is the company has been in this sort of business for many many years. He should have known better. Indeed, he was warned in June."

MARRIAGE

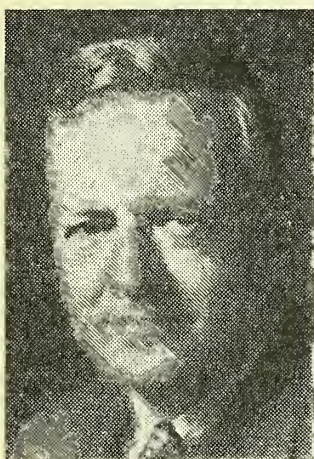
MOMAND—GRENFELL. — In London, on September 22, Mr. Don Stuart Momand (director, Don S. Momand, Ltd., 57 Albany Street, London, N.W.1) to Catherine Grenfell, New York, U.S.A.

DEATHS

LOMAX. — On September 20, suddenly, Mrs. Mary Alice (Polly) Lomax, wife of Mr. Harold Lomax, M.P.S., 109 Waterloo Road, Hillside, Birkdale, Southport, Lancs, aged seventy. The interment was at Birkdale cemetery on September 25.

MOLSON.—Recently, Mr. A. H. Molson, M.P.S., 6 New Road, Spalding, Lincs, aged seventy-six. Mr. Molson qualified in 1897.

MARNS. — As briefly announced last week (*C. & D.*, September 30, p. 390),



Mr. Thomas Marns, M.P.S. (a past president of the Pharmaceutical Society), died at St. Mary's Hospital, Paddington, London, on September 24, aged sixty-five, after a long illness.

Born in Sunderland, he spent his early days in America, and later, on returning to England, was

apprenticed with Mr. Charles Ranken, Ph.C., Sunderland. After gaining further experience in Northallerton, he went as first assistant to Collis & Williams, Valetta, Malta, and while there took the Maltese qualification. On returning to England he qualified as a chemist and druggist in 1910, after study at Westminster College. He gained medals in pharmacy and materia medica. For the next five years he worked for Boots, Ltd., serving for four years as a branch manager in Southampton. There he made his entry into pharmaceutical affairs, taking an active interest in the local Pharmacists' Association. In 1915 he acquired a pharmacy in Ealing, London, and later founded the business of Thomas Marns, Ltd., proprietary distributors, 2 Caxton Street, London, S.W.1. He was a Council member of the Pharmaceutical Society from 1922 until pressure of

business caused him to retire in 1940, and was its president during the years 1936-38. During that time he was commanded by the King to attend the Coronation ceremony. Mr. Marns was chairman of the Society's Law Committee, and also served on the Organisation and Publications Committees and on the British Pharmaceutical Conference Executive. A council member and a past-president of the Proprietary Articles Trade Association, and a past-chairman of its retail section, he served also for many years on the council of the Proprietary Association of Great Britain. Locally, he had been a president of the West Middlesex Pharmacists' Association and Branch of the Society, and of the Middlesex Pharmaceutical Committee. He was the founder of the Ealing Rotary Club, a past master of two Masonic lodges, and a member of the City Livery and Savage Clubs. Mr. Marns had travelled extensively, particularly in the U.S.A., Canada and Europe.

WILLS

MR. J. E. ABBOTT, M.P.S., 36 Conway Road, Cardiff, left £1,246 (£1,207 net).

MR. J. KIRK, retired pharmacist, 126 Viewforth, Edinburgh, formerly of 16 Forbes Road, Edinburgh, left £12,231.

MR. E. THOMPSON, M.P.S., 105 Bensham Road, Gateshead, left £7,274 (£6,651 net).

MR. E. DODGE, retired pharmacist, 157 Colville Road, Oulton Broad, Lowestoft, Suffolk, left £5,718 (£5,675 net).

MR. W. BIRKS, 2A Hawthorn Avenue, Gainsborough, formerly of Sheffield, left £1,103 (£1,076 net).

MR. C. COLE, M.P.S., 16 Sholing Road, Itchen, Southampton, formerly of Warren Pharmacy, Shirley, Southampton, left £1,962 (£1,844 net).

MR. E. MICHELSON, M.P.S., 7 Lavington Road, South Shields, of Michelson & Co., 43 Fowler Street, South Shields, left £17,897 (£16,154 net).

DR. H. N. SAVAGE, M.P.S., M.R.C.S., L.R.C.P., Greenways, 34 Barrow Bridge Road, Bolton, Lancs, left £8,856 (£7,047 net).

MR. H. H. KNIGHT, M.P.S., Lower Market Street, Brough, Penrith, formerly of Great Crosby, Liverpool, left £2,493 (£2,334 net).



CONFERENCE PERSONALITIES

MISS H. M. PERRY, M.Sc., F.R.I.C. (a part author of a paper on the arsenic limit tests of the British Pharmacopœia), has been chief analyst with Stafford Allen & Sons, Ltd., London, since 1927. She graduated from University College, London, in 1923, and took her M.Sc. degree two years later.

MR. ANDREW WILSON, M.D., Ph.D., Ph.C., F.R.F.P.S., one of the opening speakers in the symposium session is Reader in Applied Pharmacology at University College, London, and University College Hospital Medical School, London. Apprenticed in pharmacy to Mr. Anthony McMillan, Glasgow, in 1924, he later studied pharmacy at the Royal Technical College, Glas-

gow, gaining the Kinninmont Scholarship (1928), and qualified as a chemist and druggist in 1930, passing the Pharmaceutical Chemist examination in 1937. He was awarded the degree of Doctor of Philosophy in the faculty of science, Glasgow, and in 1939 graduated M.B. In 1949 he was elected Fellow of the Royal Faculty of Physicians and Surgeons, Glasgow. He engaged in research under the guidance of Professor Gaddum at the Pharmacological Laboratory of the College of the Pharmaceutical Society, London. In September 1939 he was appointed assistant lecturer in pharmacology and therapeutics at the Royal Infirmary, Sheffield, and in October 1946 became first lecturer in applied pharmacology at University College London and University College Hospital Medical School, and in 1949 Reader. In the University of Glasgow he worked under the direction of Professor Ralph Stockman on the toxic principles of legumes and cereals; with Professor Morris he studied carbohydrate metabolism in relation to vitamin B₁ and the therapeutic testing of vitamin

D₃. In London and Sheffield he studied the rôle of blood histamine in adrenalectomised animals. At Sheffield his principal investigations were concerned with the mechanism of endocrine metabolism and neuromuscular transmission. From 1933 to 1937 he was a member of the board of examiners for Scotland of the Pharmaceutical Society. A past-member of the faculty of medicine and of the senate of the University of Sheffield, he is at present a member of the faculties of medicine and science of the University of London and of medical sciences, University College, London. He is the author or part-author of twenty-three papers, and is helping in the revision of the 8th edition of Clark's Applied Pharmacology.

MRS. PATRICIA BRANSON, a former Australian pharmacist now married to an Englishman (Mr. Peter Branson, a director of Reynolds & Branson, Ltd., Leeds) visited the British Pharmaceutical Conference for the first time at its Glasgow meeting. Mrs. Branson arrived in England in April 1948 for her marriage and immediately sought registration with the Pharmaceutical Society of Great Britain. She has not practised pharmacy in Britain, but has attended regularly the meetings of the Leeds Branch of the Pharmaceutical Society. Formerly a resident of Melbourne, Victoria, Mrs. Branson passed the qualifying examination of the Pharmaceutical Society of Victoria in 1943 and practised pharmacy there before leaving Australia in 1948. She was a committee member of the Women's Branch of the Pharmaceutical Society of Victoria, and secretary of the Organisation of Internal students of the Victoria College of Pharmacy (the "Old Compatibles"), helping to raise in that capacity a considerable fund for rebuilding the college and later endowing a scholarship.



TRADE NOTES

Travelling Exhibition.- A private exhibition organised by Bakelite, Ltd., 18 Grosvenor Gardens, London, S.W.1, is visiting Scotland in November. The exhibition will be held at the Engineering Centre, 351 Sauchiehall Street, Glasgow C.2, hours: November 7, 2-6 p.m., November 8 and 10, 10 a.m. to 6 p.m., November 9, 10 a.m. to 8 p.m. Visitors will be admitted on production of a business card.

Wrong Prices in Advertisement.-Howard, Lloyd & Co., Ltd., 20 Asfordby Street, Leicester, point out that two errors appeared in their announcement concerning Lloyd's adrenaline cream in a recent issue of this paper. The retail price of the 4-oz. jar is 7s., and the trade discount is 25 per cent.

Photo-flash Bulbs Prices.- The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2, state that new prices for G.E.C. Photo-flash bulbs came into operation on September 18. The range has been extended to include a new No. 5 bulb with approximately the same time-lag and synchronising characteristics as No. 22 but with a reduced light output to make it specially suitable for close-up work.

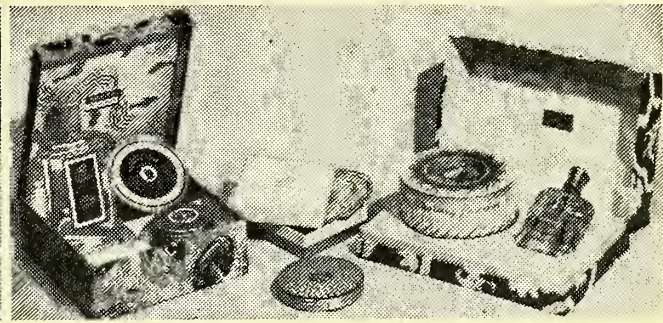
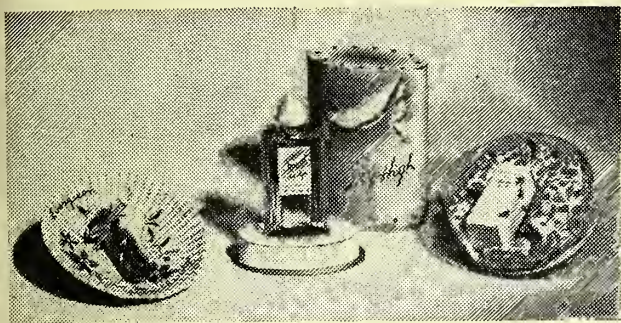
Dandruff Remover Shampoo.- Production and distribution of the Evan Williams dandruff-remover shampoo have been resumed by the manufacturers, Evan Williams Co., Ltd., 102 New Bond Street, London, W.1. The shampoo has a pure soap base and contains ingredients designed to control dandruff and other scalp disorders. The bottle contains "at least two good shampoos".

Price Changes.- BAYER PRODUCTS, LTD., Africa House, Kingsway, London, W.C.2, announce that in conjunction with other manufacturers of vitamins, they reduced the prices of their vitamin products on October 2. The products affected are Betaxan vitamin B₁, Betaxan compound and Cantan vitamin C.- PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., Dagenham, Essex, announce reduced prices for Lytensium and Vegolysin. The new prices became operative to the wholesale and retail trade on October 2, and take effect to the public on October 30.

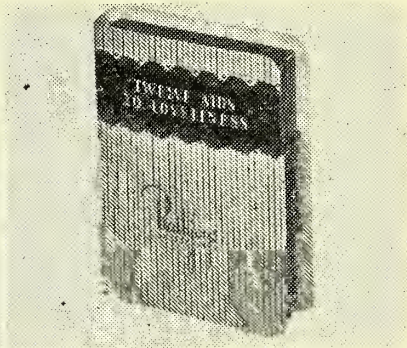
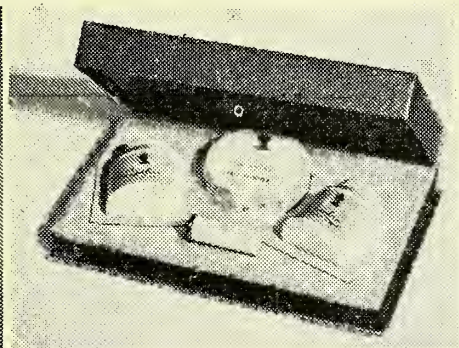
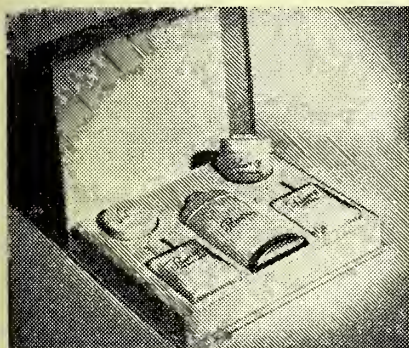
Van Delivery Service.- Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1, announce that the area served by their London and Home Counties van delivery services is extended from October 2. Retailers in the areas affected have been notified of the days of delivery.

Display Competition Prizewinners.- The following were winners of the main prizes in a 1950 Secto window display competition arranged by Cupal, Ltd., Blackburn in association with Secto Co., Ltd.: - 1 (£100), Mr. A. Gow, M.P.S., 205 Firtree Road, Epsom Downs. 2 (£50 each), Mr. J. C. Bloomfield, M.P.S., 248 Fratton Road, Portsmouth, and Farnworth and Kearsley Co-operative Society, Ltd., (Pharmacy Department), Farnworth. Twenty third prizes of £5 each and ten consolation prizes of £1 ls. each were also distributed.

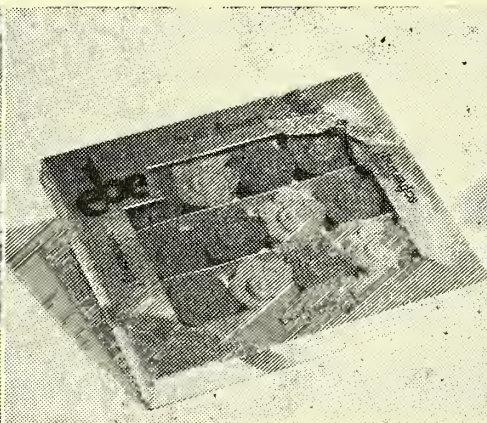
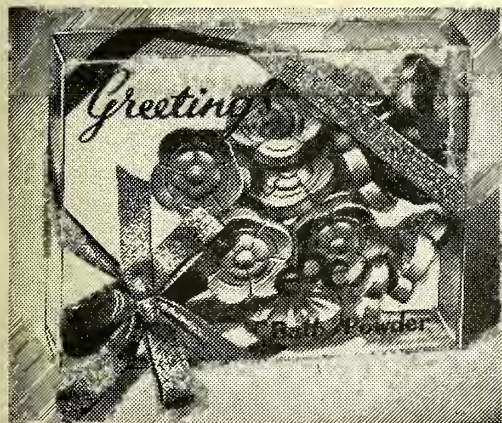
Medical Films.- May & Baker, Ltd., notify pharmaceutical and similar organisations now planning their winter sessional programmes that copies of the following films are available on request:- "Thiopentone Sodium and Its Use in Intravenous Anaesthesia", (made in co-operation with the department of anaesthetics, Westminster Hospital, London): running time 38 minutes on 16-mm. and 35-mm. sound; and "Medical Applications of Sulphonamides": running time 34 minutes on 16-mm. and 35-mm. sound. Both films have an introduction dealing with the chemistry of the products and sections on their pharmacology and clinical use. Applications specifying alternative dates when possible should be addressed to the documentary film unit of the company, from which synopses may also be obtained.



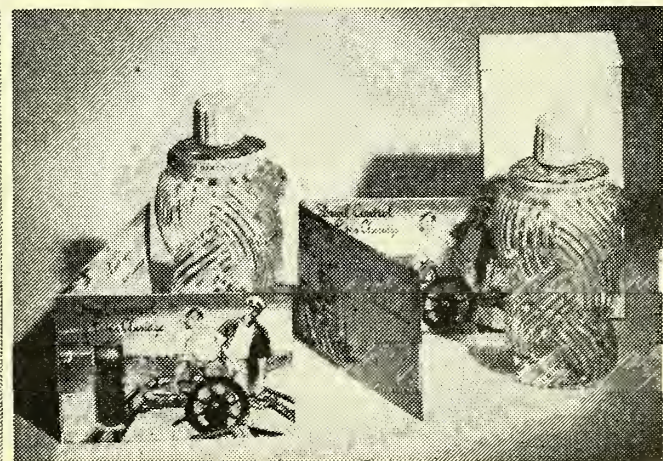
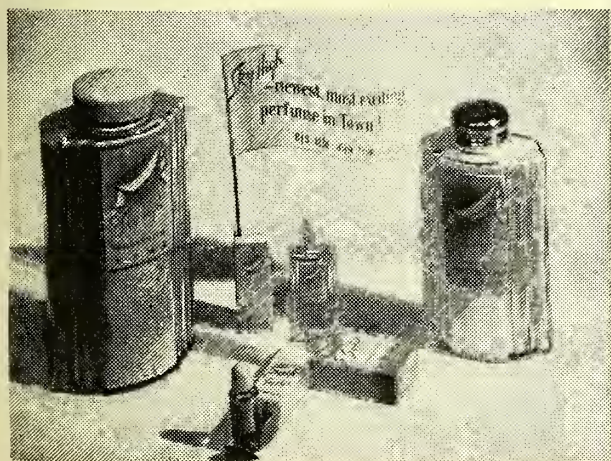
Lavender gift case containing perfume and dusting powder; feather-pressed powder in golden case; men's gift case containing after-shave lotion, shaving soap and solid brilliantine, all by Yardley & Co., Ltd. Trial size Evergreen perfume in card "basket of flowers" by Peter Claridge; Sky-High perfume by Grossmith & Co., Ltd.; perfume and handkerchief gift set by Goya, Ltd.



Coffret containing travel-size jars of Pomeroy day and foundation creams, small bottles of beauty milk and Safada hand lotion, and tin of talc; coffret containing Snowfire cold and vanishing creams, peach or rachelle face powder and satin red or cherry lipstick, by F. W. Hampshire & Co., Ltd. "Book" of twelve Bathjoys bath cubes by Reckitt & Colman, Ltd.



Ebe bath flowers in special Christmas and standard packs and Ebe bath powder, by Opera Omnia, Ltd.



Sky-High bath crystals, perfume and talc by J. Grossmith & Son, Ltd. Smart Party and Evergreen, which form, with Dual Control, a trio of Claridge Colognes; Christmas card containing trial-size Dual Control perfume, by Peter Claridge.

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VOL. CLIV OCTOBER 7, 1950 No. 3685

Free Medicines in Australia: How the New Scheme is Working

WITH the co-operation of the Australian Federal Council of the British Medical Association and the Federated Pharmaceutical Service Guild of Australia, the Commonwealth Pharmaceutical Benefits Act came into general operation on September 4. Under its provisions, all Australian residents are entitled to have prescriptions dispensed free of cost provided they come within the official formulary, and the Commonwealth Government pays chemists on a tariff dispensing basis on presentation of monthly claims. Generally, the scheme began well, but it may take six months to adjust anomalies. In the first week or two, for example, there was a mild run on insulin and some expensive drugs in short supply.

The Liberal-Country party Government had by regulation withdrawn the extensive formulary provided by the previous (Labour) Government, and substituted a shorter formulary of "essential life-saving and disease-preventing drugs." The list is being reviewed by a formulary committee that includes practising doctors and chemists. No compounding is provided for, but compounded medicines are to be included later if the need is demonstrated by the Committee. Thus ended the virtual stalemate caused by the B.M.A.'s refusal to co-operate (because of objections to the original formulary, Government prescription forms, and penalties imposed upon doctors) when the Act began to

operate in June 1948. Doctors may now write prescriptions upon Government forms or upon any other paper of a prescribed size, provided they mark every prescription "Pharmaceutical Benefits" and supply a duplicate.

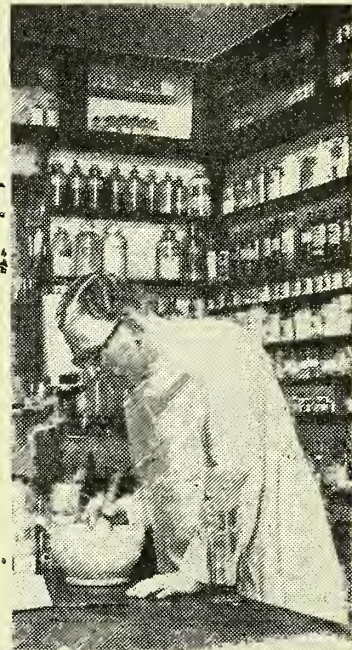
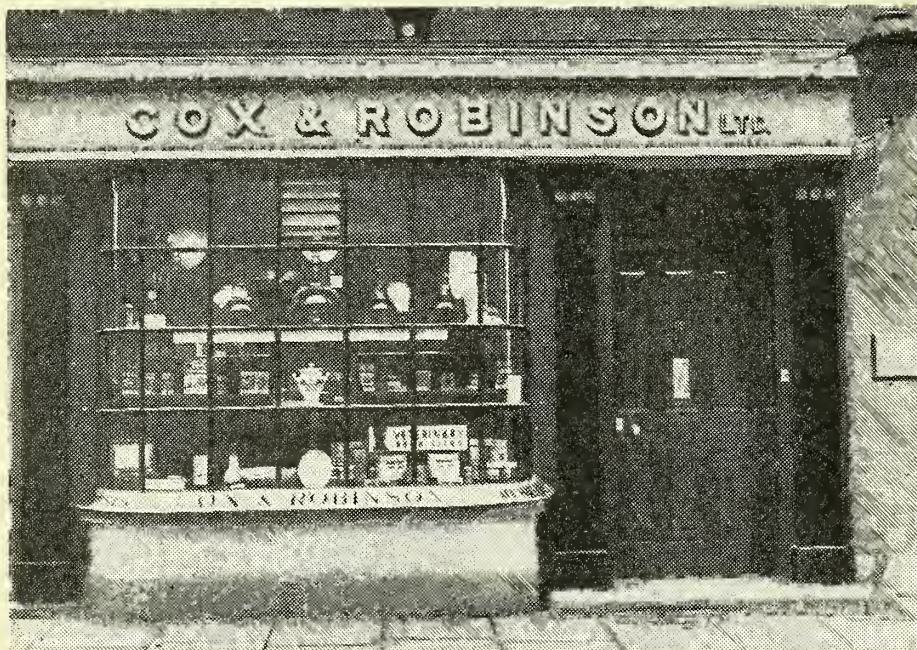
With the launching of the modified service, one group of "approved" retail pharmacies and a few Friendly Society dispensaries published advertisements announcing that they had been approved to dispense prescriptions under the Act. "Approval" is virtually automatic under the Act to every "pharmaceutical chemist who is willing to supply pharmaceutical benefits. . . ." The advertisements stopped short of offering inducements, for which the penalty is £50, but complaints reached the Federal Pharmaceutical Public Relations Secretariat from several States that the advertisements implied that the dispensing services of the advertised pharmacies and dispensaries were superior to others, or offered special advantages. Chemists were advised by the Secretariat to refrain from advertising.

In Victoria, the matter was debated by the Council of the Pharmaceutical Society, which referred the advertisements to its committee of ethics. Reference was made at the Council meeting to the recent findings of the Statutory Committee of the Pharmaceutical Society of Great Britain on complaints by the Society about the advertising of dispensing services, which showed close alignment to the Australian problem. The Statutory Committee's report will doubtless be of great value to the individual State Pharmaceutical Societies in Australia in helping to educate all Australian pharmacists to the need to observe a truly professional code of ethics by not advertising dispensing services.

The publishers of THE CHEMIST AND DRUGGIST regret that for the second time within a few weeks the labour of the compositors has been withdrawn. It is hoped that the emergency edition that has been brought out will be appreciated by subscribers as the best that could be produced in circumstances beyond our control.

THE PROFESSION IN PRACTICE

10.—The Pharmacy of Cox & Robinson, Ltd., 75 High Street, Stony Stratford, Bucks



SITUATED on Watling Street and almost midway along the former stage-coach route between London and Birmingham, the business of Cox & Robinson, Ltd., Stony Stratford, dates from 1760. The shopfittings are the original, but the present shopfront was installed in 1840. The main business activity of the pharmacy now is the dispensing of two to three thousand National Health Service prescriptions per month, in the 30 ft. x 16 ft. dispensary situated immediately behind the shop. Much of the tradition of an old family pharmacy, however, is retained. Vinegar, soda and mineral waters, for example, are still sold, and (until other specialist shops opened in the town) tea, tobacco and cigars were stock lines.

The shopfittings—examples of eighteenth-century craftsmanship in mahogany—include drug runs, and curved, scalloped

Top left: Mid-nineteenth century shop-front. Top right: Mr. W. P. B. Phillpotts at work in the spacious dispensary.

Bottom left: A curved gold-inscribed bottle run. Bottom right: Some of the pharmacy's heirlooms.

bottle runs decorated with gold inscriptions. The main building, though narrow, is spacious and includes, on the ground floor, an office built behind the dispensary. The first floor is devoted to a laboratory, which is connected with a Jacobean house—itsself closely interwoven with the whole business premises. The second floor is used for storing dressings, etc. In the yard is a warehouse built with two-foot-thick stone walls. Its cellars are used for storing mineral waters, ether, benzene, etc., and the ground floor for the bottle room, 50 gall. oil drums (of linseed, colza, cattle castor and cod-liver oil) and veterinary and agricultural products, which form about 40 per cent. of the business. In a room

over a coachhouse and stables, situated at the foot of the two-hundred-yard-long garden, are stored carboys of acid. The business is in the charge of Mr. W. P. B. Phillpotts, M.P.S., managing director of the company and son of the pharmacy's previous owner. He employs a staff of two unqualified assistants, a porter, and a gardener. The business hours are from 8 a.m. to 7 p.m. with rota duties on Thursdays and Sundays. The retail business is mainly credit, dealing with schools, Government departments and farms. A small high-class toilet trade, equivalent to about 10 per cent. of the business, is maintained

to oblige regular customers. Two cars are kept for delivering goods.

Among the heirlooms of the business are a jar labelled V: DIAPOMP. .1679, old syrup jars, one stone and several bronze mortars, an ancient retort, microscope and old record books, in which one of the quaintest recipes recorded is for sheep ointment:—

Argentum, 6 lb.

Rosin, 9 lb.

Hyd. bichloride

Bals. sulphur aa. 3 oz.

Adeps coml. 27 lb.

MEDICAL ABSTRACTS

Dimercaprol in Lead Poisoning.—Bastrup-Madsen, Aarhus Municipal Hospital, Denmark ("Lancet," 1950, 259, pp. 171-72), reports that in two cases of lead poisoning, dimercaprol increased the amount of lead excreted in urine immediately after administration. Mobilisation of lead did not appear to aggravate the symptoms of intoxication. The drug was administered as a 50 per cent. solution in arachis oil containing 10 per cent. benzyl benzoate. Four doses of 0.1 mgm. were administered the first day, two doses from the second to the fourth day, and one dose on the fifth and sixth days.

Flaxedil in General Anæsthesia.—As an adjuvant in general anæsthesia Flaxedil (tri-(β -diethylaminoethoxy)-benzene triethiodide) has the useful property of being miscible with thiopentone. Rudell ("Lancet," CCLVIII.953) compared its effectiveness and freedom from undesirable qualities with those of *d*-tubocurarine. He used it as a muscle relaxant in 440 cases, and found it more rapid and more transient in action. In fact, a combination of nitrous oxide as a narcotic, intravenous pethidine to supplement its analgesic properties, and Flaxedil as muscle relaxant gave "a general anæsthesia approaching the ideal."

A New Drug in Leprosy.—Ryrie, medical secretary, British Empire Leprosy Relief Association ("Lancet," 1950, 259, 286-87), gives a favourable preliminary report on the use of *p*-acetylaminobenzaldehyde thiosemicarbazone in leprosy—one of a series of compounds that have proved useful in certain cases of tuberculosis. The drug was administered to ten cases for only four months, and appeared to have the following advantages over sulphones: (a) There was clinical and bacteriological

improvement within the four months; (b) there was an absence of mental depression; and (c) the drug appeared to be relatively free from toxicity, giving, for example, no evidence of anæmia or hæmolysis, and no tendency to lepra fever. The author recommends further study.

Insecticide Poisoning.—Milles and Salt ("British Medical Journal," August 19, p. 444), describe a case of poisoning due to parathion (para-nitrophenyl-diethyl thiophosphate) in an agricultural worker to "emphasise the nature of the risk, the importance of its prompt recognition and the value of treatment with atropine." The man, aged forty-six, had been engaged for three weeks in preparing an insecticide spray for hops, using a preparation containing 20 per cent. of parathion. The preparation was labelled as to its poisonous nature and the workers were instructed to wear protective clothing. At 4 p.m. on June 20, 1950, a drop of the 20 per cent. preparation splashed on to the worker's forearm, covering an area about the size of a 6d. piece. A raised weal appeared within a few minutes. At 9.45 p.m. he experienced sudden pain at the back of his head, spreading to the forehead, followed a few minutes later by violent vomiting and persistent abdominal pains. This was followed by weakness of the legs, after which he remembered nothing until next morning in hospital. Atropine gr. 1/60 was administered, then treatment was continued with atropine sulphate gr. 1/75 intravenously, then gr. 1/100 hourly for three doses then two hourly for two doses, and hypodermically hourly for three doses. In the morning the patient was rational and in the afternoon, normal.



SCIENCE SESSIONS

[Continued from THE CHEMIST AND DRUGGIST, September 30, p. 416]

The paper "The Stability of Injection of Morphine Sulphate" (of which an abstract was published in the *C. & D.*, September 16, p. 348) was read by Mr. T. D. Whittet.

DISCUSSION

MR. A. D. POWELL raised from the chair a question on the effect of *pH* of morphine solutions on their stability. DR. G. E. FOSTER observed that the discoloration of morphine injections must long have been noted. Nobody knew the reason for it, though it was proved that the cause was not pseudo-morphine. He gave details of comparisons he had made of the actual colours of injection solutions with and without metabisulphite.

"Pharmaceutical Rubber"

PROFESSOR H. BERRY pointed out that the paper brought up again the question of the quality of pharmaceutical rubber. The possibility of a standardised rubber had been explored without success, but even with a standard mix different rubbers might result. The lubricant used, for example, might give trouble. The same attention should be given to the composition of rubber as had been given to glass. Morphine salts appeared to give trouble according to their age, and in records of research the age of the material should be stated.

DR. F. HARTLEY said the implications of the paper were that pharmacological tests were against the conclusion that the colour of the solution had any relation to the pharmacological effect. A more thorough pharmacological examination was necessary.

MR. WHITTET replied. He agreed that the *pH* of morphine solutions was important: Professor Berry had shown that the more acid the morphine solution the greater its stability. He had ascertained from the suppliers of the rubber-capped bottles that a change of composition of the caps had taken place in 1944 from one-half smoked sheet, one-half pale crêpe to all pale crêpe. He agreed with Dr. Hartley about the necessity for more pharmacological tests.

Arsenic Limit Tests

W. MITCHELL, H. M. PERRY AND
L. A. SHEARING

[ABSTRACT]

THE general method of the pharmacopœial limit tests for arsenic, based, apparently, on a paper by Hill and Collins (*C. & D.*, 1905, 67, 548) have remained—as have the procedures for preparing solutions suitable for testing—substantially unchanged since they were introduced into the 1914 B.P. [In the general test the substance is brought into solution by one of a number of prescribed methods, and a comparison is made of a stain produced by volatilisation upon mercuric chloride test paper when the solution is reacted with zinc AsT with stains similarly produced from known amounts of arsenic.] Instances are cited to show that, where preparation of the test solution involves exposures to oxidising agents, the official test fails to give correct results, despite the use of stannous chloride as reducing agent. Special treatment is then necessary, but analysts disagree on what the treatment should be. The results of applying and examining various treatments are given, and it is shown that the B.P. arsenic limit tests are inaccurate for a much larger number of substances than has been recognised. The substances are grouped according to the test procedure prescribed, and modifications (designed to present all the arsenic in the trivalent state) are described. The need for revising the B.P. tests is emphasised, and it is further recommended that the official test apparatus should be modified to require the use of plumbised cotton wool in place of lead acetate paper. Adoption of the tests described would require the adoption of an additional reagent: potassium iodide AsT.

[From the laboratories of Stafford Allen & Sons, Ltd.]

The paper was read by Mr. H. DEANE in the absence, through illness, of Mr. Mitchell.

DISCUSSION

MR. POWELL, from the chair, said that he had a special interest in the subject because for years he had been arguing with Government analysts about arsenic

contents. He also had used potassium iodide in the manner described by the authors, and could confirm the efficiency of the method. The oxidation with brominated water as a factor militating against the success of the test was a valuable point to bring out.

DR. E. F. HERSANT, Dagenham, congratulated the authors on their thorough investigation of a matter that other analysts had lacked the courage to investigate, and later speakers added their congratulations. He confirmed and estimated the advantages of plumbised cotton wool.

DR. D. C. GARRATT, Nottingham, urged adoption of the technique of the Society of Public Analysts, which sanctioned the use of sulphite rather than iodide. He thought the sulphite was preferable.

MR. H. E. STUCKEY, London, was glad the controversial subject of the B.P. arsenic test had been raised. Many had criticised it, but hitherto none had come forward with the results necessary for redrafting the test. The present tests would work, he claimed, in the hands of somebody with the required technique, as he had observed in the work of an experienced analyst of his acquaintance. Few realised the high degree of adherence to detail that was required in carrying out the test.

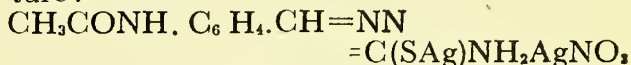
MR. DEANE took notes of the discussion to pass on to Mr. Mitchell.

Silver Complexes of Thiosemicarbazones towards Silver Nitrate

E. A. HAUGAS and B. W. MITCHELL
[ABSTRACT]

THE analytical behaviour of several aromatic thiosemicarbazones has been investigated in order to establish a method of assay. In the investigation the silver derivative was precipitated from a solution of 4-acetamidobenzaldehyde thiosemicarbazone in methyl alcohol using excess of a saturated methyl alcoholic solution of silver nitrate. The silver derivatives of several other aromatic thiosemicarbazones (benzaldehyde, 4-nitrobenzaldehyde, salicylaldehyde, 4-ethylsulphonylbenzaldehyde and 4-acetamidosalicylaldehyde) were prepared by the authors and the silver content determined. Many were not sufficiently stable towards light and heat to permit quantitative estimation of the silver. In each case more than one silver atom is associated with each thiosemicarbazone molecule. By far the most stable

complex was that obtained from 4-acetamidobenzaldehyde thiosemicarbazone, and a complete examination of the derivative was possible. Elemental analysis indicated that it had the formula $C_{10}H_{11}O_4N_3SAg$, while determination of the nitrate group with nitron suggested a possible structure:—



A method of estimation has been evolved using the known reaction with nitrous acid to form 5-amino-1,2,3,4-thiotriazole. The reaction is quantitative.

[From the Research Department, Herts Pharmaceuticals, Ltd.]

DISCUSSION

DR. E. F. HERSANT pointed out that the accepted end-point of the nitrite titration was the production of a colour with starch iodide, reproducible after standing for one minute. MR. MITCHELL agreed, and said that the first indication of colour was sudden and appeared to be reproducible after from two to three minutes. He told MR. PAUL, Nottingham, that work was proceeding on an assay for sulphur.

Tuberculostatic Activity of Some Thiosemicarbazones

BY E. M. BAVIN, R. J. W. REES, J. M. ROBSON, M. SEILER, D. E. SEYMOUR AND D. SUDDABY.
[ABSTRACT]

SEVERAL members of a series of thiosemicarbazones substituted in the aromatic nucleus by a 2-hydroxyl group showed a high degree of *in vitro* activity coupled with a lower toxicity than the corresponding thiosemicarbazone un-substituted in the 2-position. The only compounds showing significant *in vivo* activity, however, were those substituted solely in the 4-position. The results confirm the findings of others that the ethylsulphonyl compound is somewhat more active than the 4-acetamido compound. No relationship exists between the *in vivo* and *in vitro* tuberculostatic activity within the series of substances. Good correlation exists between the results obtained by the mouse survival and the mouse corneal methods of conducting the test.

DISCUSSION

MR. C. E. COULTHARD, Nottingham, said he was interested to see the use the authors had made of the mouse tests.

EARLY PAYMENT FOR EXPENSIVE DRUGS

TO enable chemist contractors under the National Health Service to receive payment on account for expensive prescriptions that they have dispensed, the Ministry of Health, in agreement with the Central National Health Service (Chemist-Contractors) Committee and the Joint Pricing Committees, has made the arrangements described below. They apply to prescriptions dispensed from October 1 onwards which fall into the following categories:-

- (a) Bulk prescriptions: one or more of not less than £50 total net ingredient cost.
- (b) Ordinary prescriptions: individual forms containing a prescription or prescriptions of an aggregate value of not less than £20 net ingredient cost.
- (c) Groups of prescriptions, bulk or otherwise (not necessarily for the same drug): no prescription to be less than £3 net ingredient cost and the total net ingredient cost of the group to be not less than £40.

To take advantage of the arrangements a chemist should send his prescriptions that fall into these categories, for pricing before his normal monthly bundle so that they reach the Pricing Office not later than the first of the month after that in which they were dispensed. A covering letter to the Office Superintendent should accompany them.

After pricing them the Office will tell the Executive Council of the number of prescriptions concerned and their net ingredient cost, based on the prices for the month then being dealt with. The Council will add that amount to the normal payment on account for the prescription stated on form E.C.38 for that or the following month (depending on when the Pricing Office gives the Executive Council the details). The Council will then tell the Pricing Office to which month's account the payment for expensive prescriptions has been added, the Pricing Office will keep the expensive prescriptions with the remainder of the chemist's prescription bundle and the pricing, including the adjustment of ingredient costs, subsequently completed. In certifying the account for any month the Pricing Office will state in the remarks column of Form E.C.47(a) the total number and cost of such prescriptions included in columns 5 and 10.

Expensive prescriptions priced under the arrangements are to be excluded from any general calculation to arrive at the basis for subsequent payments on account.

To cover borderline cases the Executive Council may apply the procedure at their discretion—for example, where the general average value per prescription of a chemist is unusually low; where the chemist's financial position (e.g. as a new contractor) warrants special consideration, or where an expensive prescription or group of prescriptions falls just outside the definitions given above.

A circular letter setting out the arrangements is being sent to Executive Councils for issue to chemists and to local Pharmaceutical Committees.

NEW ZEALAND HEALTH SERVICE CRISIS

In the New Zealand House of Representatives on September 28, Mr. J. T. Watts (New Zealand Minister of Health) tabled a report from the Director of Clinical Services (Mr. Duncan Cook) on the Dominion's national health service which said that the increase in the cost of pharmaceutical supplies and general medical services had been of such a magnitude as to lead to serious misgivings whether the State medical insurance against sickness is practicable. A critical stage had been reached. Pharmaceutical services in 1949 cost £2,043,843, an average cost of £1 1s. per head of the population.

TRADE REPORT

THE further and substantial rise in metal has been followed by new advances in prices of BISMUTH SALTS. In 1-cwt. lots CARBONATE is now 21s. 5d. per lb., against 18s. 4d. previously. The recent rise in the cost of molasses has been followed by increases in the prices of alcohol and many associated chemicals. PLAIN BRITISH SPIRIT has advanced by fourpence per proof gall. and METHYLATED SPIRIT (and other denatured spirits), by 6½d. per gall., for all grades. ACETIC ACID and ACETATES, and BUTYL ALCOHOL are also dearer. ETHER, technical and solvent, B.P., grades have risen by one penny per lb. and anaesthetic, B.P. by 1½d. per lb.; as a result of the rise in spirit. Makers of ether are operating the force majeure clause on all contracts and outstanding balances will be raised accordingly. A rise has occurred in CITRIC ACID prices - the first in nine years - as a result of increased cost of raw material; 1-cwt. lots are now 1s. 7½d. per lb.

The freeing of the Canadian dollar, and the probability that it will rise to parity with the U.S. dollar, will influence the prices of such commodities as CASCARA SAGRADA and SENEGA. At the time of writing it is not possible to say to what extent the revaluation will effect the markets.

BENZOIN.- Firm. Sumatra block is offered at from £19 to £20 per cwt., as to quality; for shipment, £19 c.i.f., quoted.

BISMUTH SALTS.- A further advance in prices occurred on September 27. New rates (per lb.) for CARBONATE are as follows:-

QUANTITY	CONTAINERS.					
	1-lb.		7-lb.		28-lb.	
	s.	d.	s.	d.	s.	d.
1-cwt.	21	9	21	6½	21	5
28-lb.	22	-	21	9½	21	8
7-lb.	23	7	23	4½	-	-
4-lb.	24	3	-	-	-	-
1-lb.	24	10½	-	-	-	-

CAMPHOR.- Chinese refined powder is offered at 4s. 3d. per lb. for B.P. quality. ¼-oz. tablets are 5s. 6d. per lb.; both duty paid, ex warehouse.

CITRIC ACID.- an increase of twopence per lb. was announced on October 2. Quantities of 5-cwt., and over, are now 1s. 7d., and 1-cwt. lots, 1s. 7½d. per lb., less 5 per cent.

CITRONELLA OIL.- Ceylon is quoted at from 10s. 3d. to 10s. 6d. per lb.; October-November shipment, 9s. 9d. per lb.

IPECACUANHA.- Firm. Nicaraguan on the spot, 42s. per lb., nominal; for shipment, 42s. 6d., c.i.f. Colombian, for shipment 39s. 6d. per lb., c.i.f.

MENTHOL.- Chinese is offering at 105s. per lb., duty paid (in bond, 100s.); for October-November shipment from Hong Kong, 93s. c.i.f.

RHUBARB.- Chinese rough-round on the spot is offering at from 7s. 6d. to 8s. per lb. duty paid.

SENEGA.- A very firm market. Shipment business has been done at 18s. 6d. per lb., landed terms.

TRAGACANTH.- A firmer market. Selected grade is now £150; No. 1, £147 10s.; No. 2, £127 10s.; No. 3, £110; No. 4, £70 per cent.

SHELLAC.- F.O.T.N. pure, 325s; F.O. Standard No. 1, 335s.; fine orange, 360s-400s., nominal; spot London.

NEW BRITISH PATENTS

Therapeutically Active N-substituted Carbamates.—E. Merck, Darmstadt. No. 27428/1949 (27.12.48). A preparation suitable for combating human oxyuriasis, of low toxicity. Thymyl-N-isomyl carbamate, is obtained by reacting an isoamyl derivative of the type $(CH_3)_2.CH.CH_2.CH_2.X$ with a thymyl derivative of the type $YO-C_{10}H_{13}$, where X and Y are reactive atoms or groups which interact to form either directly or with molecular rearrangement the group $-NH-CO$, in which the N is attached to the isoamyl radicle, i.e., the $NHCO$ group of an N-substituted carbamic acid ester. More specifically isoamyline or salt thereof is reacted with a carbamic acid ester, or chloroform ester of thymyl in the presence of an acid-binding agent.

Therapeutic Compositions Containing Camphor-sulphonates of Aromatic Ethanolamines.—Dr. Helmut Legerlotz, New York. No. 33178/1949. (31.12.48). It is claimed that certain camphor-sulphonates of aromatic ethanolamines and ethanol-alkylamines, such as the hydroxy forms, not described previously, have therapeutic properties in combining the circulation-tonic effect of the basic component with the heart-stimulating effect of the camphor component. They are prepared by reduction of the corresponding salts of the optically inactive ketones, and remain so even after taking up two hydrogen atoms, so that partial splitting and corresponding losses are avoided. However, the use of optically active or racemic camphor sulphonics acids is included, though these are said to be superseded by present inventions.

TRADE MARKS

(From the "Trade Marks Journal," September 20)

For pharmaceutical preparations (5). — "SIEGFRIED"; by Aktiengesellschaft vormals B. Siegfried, Zofingen; 659,519 (and for industrial chemicals (1); 659,518). "KEROMIDE"; by Thomas Kerfoot & Co., Ltd., Bardsley; 687,883. "PULARIN"; by Evans Medical Supplies, Ltd., Liverpool; 689,551.

For all goods (5). — "SYNECARCIN"; by the Wellcome Foundation, Ltd., London, N.W.1; 689,503. "SOLCALIN"; by Clinical Products, Ltd., Richmond; 689,585.

For disposable paper diapers and facial tissues. (5). — "PLAYTEX"; by International Latex Corporation, Delaware; 682,202.

For medicinal preparations for the treatment of diabetes (5). — "DIABETYL" "DIABETYLIN"; by Ablin, Ltd., London, W.1; 685,589-831.

For medicinal and pharmaceutical products (5). — "B N" with arrow; by Aktiebolaget Bofors, Bofors; 686,783.

For medicated wines (5). — "TONAX"; by Nolan Tween Trezise, Culmington; 688,744.

For pharmaceutical and medicated toilet preparations (5). — "CALACREEM"; by Raimés & Co., Ltd., York; 689,468.

For curative pads for the treatment of the feet (5). — "CHIROPAD"; by Orthopax, Ltd., Aberdeen; 689,123.

For hot-water bottles (21). — Device of cannon by the Cannon Rubber Manufacturers, Ltd., London, N.17.

MISCELLANEOUS INQUIRIES

Toxic Effects of Ephedrine.—C.P.R.—Toxic effects sometimes observed after treatment with ephedrine include giddiness, headache, thirst, nausea, palpitation, insomnia, tremor, anxiety complex and bladder irritation, and very large doses may cause diaphoresis. As an antidote a strong saline purge is suggested for an adult. If blood-pressure is high a vasodilator may be given.

Anti-dust Oil.—A.J.W.—Paraffin for spraying in hospitals to allay dust, etc. is generally a pale spindle oil, unemulsified. A technical white oil may be substituted if bedding is to be sprayed, or a solution of liquid paraffin 30 per cent. in naphtha. An emulsion base made to the following formula has been used:—

White mineral oil	88
Oleic acid	8.9
Triethanolamine	3.9
Lecithin	0.01

This is emulsified with water before use.

Supply of Codeine.—B.P.—A manufacturing chemist is authorised to supply codeine phosphate only in accordance with the terms of the licence he holds from the Home Office. The precise terms of a licence vary according to the firm concerned and under certain circumstances it is advisable for manufacturers to ask for a sight of the client's licence or for precise details of what it permits him to do.

Treatment for Blackboards.—J.H.D.—A blackboard which no longer takes the chalk may be revived by treating with the following solution:—

Alcohol	½ litre (1.05 pints)
Shellac	70 gm. (gr. 1080)
Fine lamp black ...	6 gm. (gr. 92)
Fine chalk (free from sand)	3 gm. (gr. 46)

**Every day the 'Nervone' message goes
out to customers in your district**

'NERVONE'

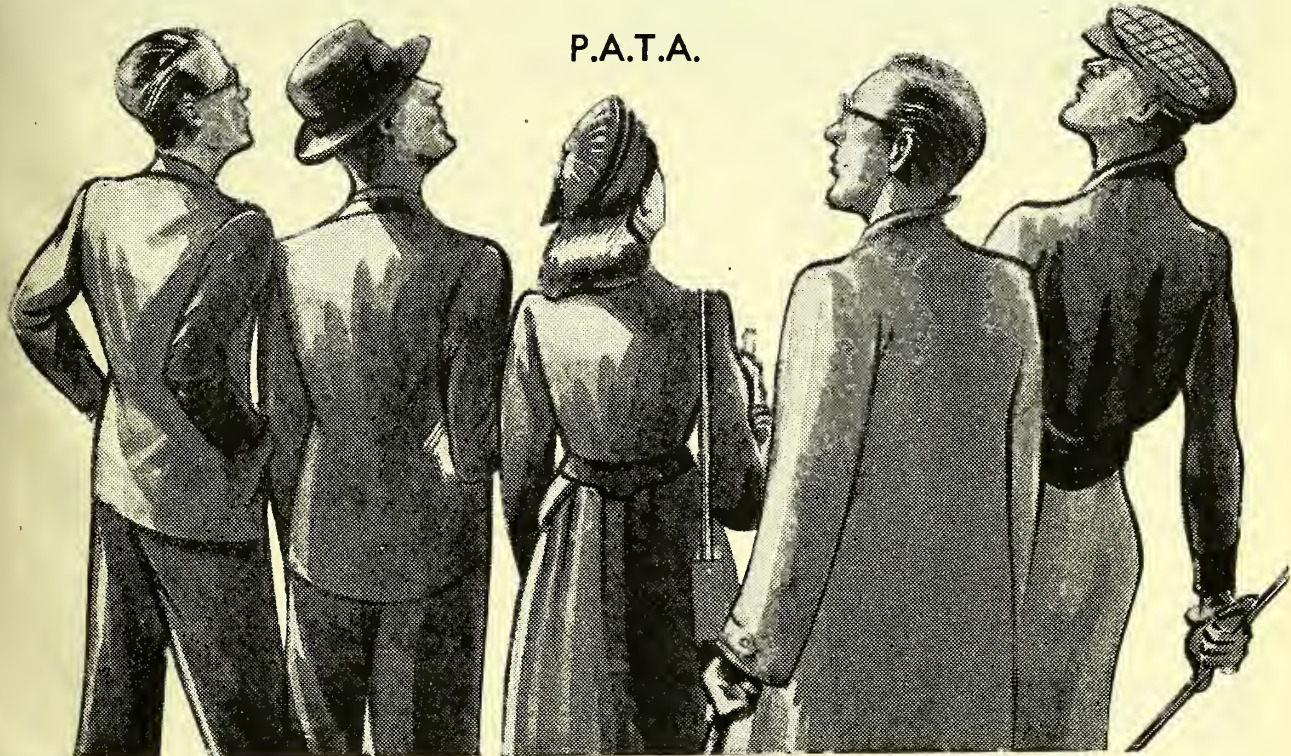
BUILDS UP NERVE POWER

Consistent advertising in the national press has created a lively demand for 'Nervone,' the new Bio-Chemic tablet. An extensive poster and screen campaign is now planned to increase further the sale of this fine preparation. More and more of your customers will be asking for 'Nervone' and experience so far has shown that repeat sales and recommendations flow freely from initial orders. It will pay you to stock—and show—'Nervone.' Remember each sale means a **PROFIT OF ONE SHILLING AND SIXPENCE!** Order now through your wholesaler.

Retail 5/6d. and 22/-.

Wholesale 48/- and 192/- (inc. tax)

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From September onwards six free tins of Evans Throat Pastilles will be supplied with each order of six dozen tins.

Wholesale 11/- per doz. (plus P.T.)
Retail 1/6 per tin (incl. P.T.)

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THROAT PASTILLES

EVANS MEDICAL SUPPLIES LTD

LIVERPOOL AND LONDON



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BUTOBARBITONE
CODEINE CO.
CYCLOBARBITONE
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HEXOBARBITONE
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Manufacturers of Fine Chemicals and Pharmaceutical Products.

BYRON HOUSE, 7-9, ST. JAMES STREET, LONDON, S.W.1.

Resistance to colds?

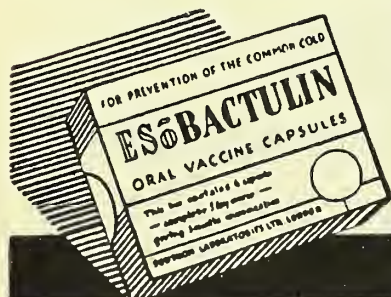
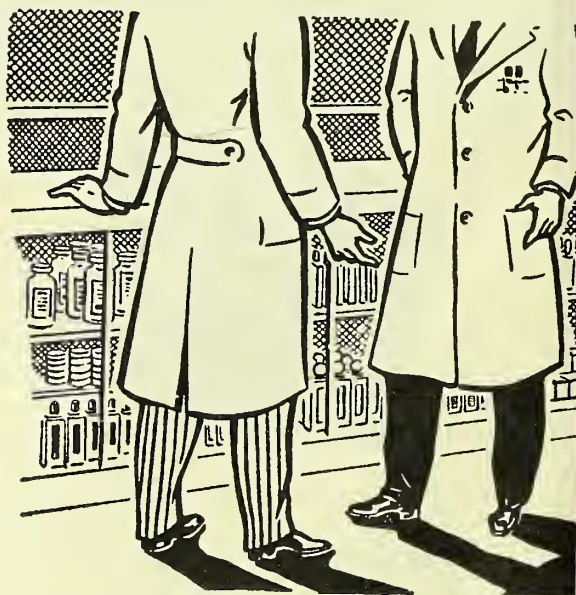
"Yes, this is the time when customers come in for Esobactulin. If we do as well on Esobactulin as we did last year, I shan't complain." The complete course—6 capsules taken over 5 days—is designed to give most people 3 months' immunity from colds.

Retail price 8/3 inc. P. Tax

Supplied through your Wholesaler

33 $\frac{1}{3}$ % DISCOUNT—Plus bonus of 13 to the dozen

COUNTER AND WINDOW DISPLAYS NOW
WILL BRING RESULTS



Literature on request

SOUTHON LABORATORIES LIMITED
UPPER RICHMOND ROAD, LONDON, S.W.1

ESOBACTULIN

protection against colds

CARNEGIE

Manufacturing Chemists

‘CARNEBROS BRAND’

AESCULIN

ALOIN

AMIDOPYRIN

ATROPINE & SALTS

BARBITURATES

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CARNEGIE BROTHERS (1949) LTD

WELWYN GARDEN CITY : HERTFORDSHIRE : ENGLAND

TELEGRAMS : ‘CARNEBROS’ WELWYN GARDEN TELEPHONE : WELWYN GARDEN 506 (4 lines)

A ‘CARNEGIES OF WELWYN’ COMPANY

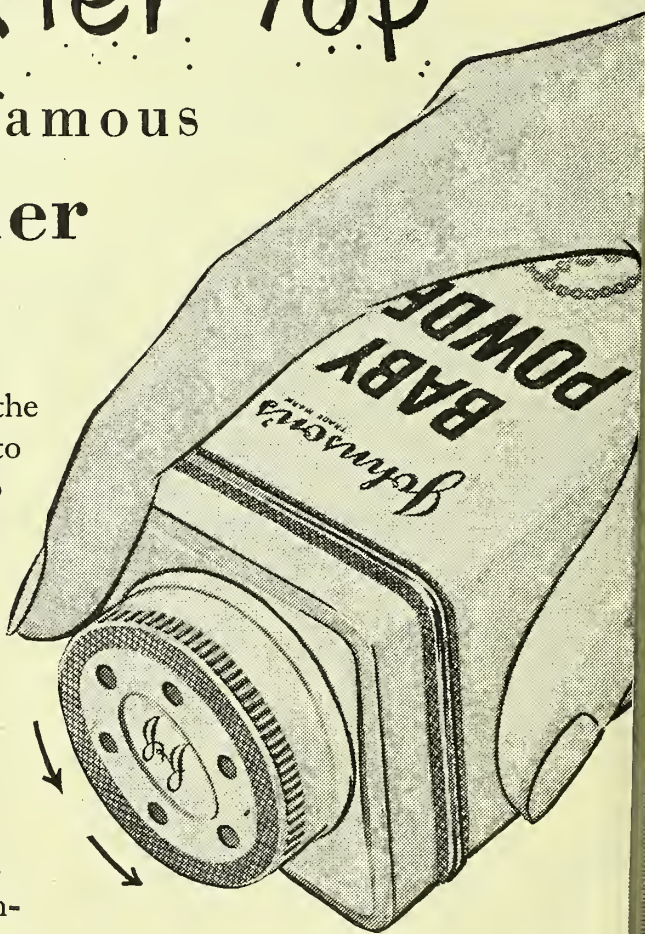
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Sprinkler Top

for the most famous
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in the world

A mere twist of the cap and the new, improved tin is ready to sprinkle. *Easy-to-use, no tops to lose.* It is especially designed to help mothers when handling their babies!

Feature Johnson's Baby Powder and let your customers know about this new sprinkler top. Ask our representatives for supplies of the new attractive display material. You'll find it a great help in stimulating your Baby Powder Sales.



Johnson's
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BABY



POWDER

for after the bath

JOHNSON & JOHNSON (GT. BRITAIN) LTD., SLOUGH & GARGRAVE



MAGTRIZ

THE TWO-IN-ONE ANTACID

**1. PROMPT
ACID REDUCTION
—TO RELIEVE PAIN**

**2. PROLONGED
ACID CONTROL—TO PROMOTE HEALING**

ACTIVE INGREDIENTS: MAGNESIUM TRISILICATE & MAGNESIUM HYDROXIDE

The most desirable characteristics of magnesium trisilicate are small particle size (thereby imparting large surface area), slow rate of neutralisation and adsorptive power.

In the magnesium trisilicate used in MAGTRIZ all these characteristics have been developed to a very high degree.

The small quantity of magnesium hydroxide is sufficient to give immediate relief from discomfort, and its mild laxative properties are of additional value to sufferers from gastrointestinal disorders.

INDICATIONS

PEPTIC ULCER, HYPERCHLORHYDRIA AND MINOR DIGESTIVE DISORDERS

Supplied in powder form and in palatable tablets

POWDER: Retail Packs; 1½ & 4oz. Dispensing Packs; 1 & 17b.
TABLETS: Retail Packs; 12 & 36. Dispensing Packs; 250 & 1,000.



WESTMINSTER LABORATORIES LTD.,
CHALCOT ROAD, LONDON, N.W.1.

Amazing Value in HOT WATER BOTTLES

A SPECIAL OFFER OF
GUARANTEED BOTTLES

For the coming season made despite the continued rise in rubber prices.

S1004	Cross Strap	2/6	plus P. Tax 33 $\frac{1}{3}$ %
S1005	Sequin	2/8	" " "
S1005	Laurel	2/9	" " "
*S1007	Evening Star	3/-	" " "
*S1008	English Rose	3/-	" " "

(* . . . with handle)

Terms : Cash with order. Carriage paid on order for 1 doz. or more.

Best quality rubber heavy seamless moulded full No. 3 size as retailed at 6/11 and 7/11 In assorted colours. Every bottle guaranteed



**SAMPLE
PARCEL**

Containing 30 Bottles
Assorted Patterns In-
cluding a selection of
each number and
colour.

£5 5 0

Incl. P. Tax
Carr. Paid



FULL STOCKS OF DUNLOP SUBASEAL AND CANNON ANIMAL AND DOLL BOTTLES

SIDNICK & CO. LTD.,
WHOLESALE CHEMISTS

52/6, ORMSIDE ST, LONDON, S. E. 15.
and at 31/32, CROWN ST. BRIGHTON.



**New terms and bonus offer bring
you 50% profits and easier sales**

Your normal Buying Price now	9/- per doz. + 3/- P. T.
Bonus Price (12 for the price of 10)	7/6 per doz. + 3/- P. T.
Your new Selling Price (1/6 per tin)	15/- per doz. + 3/- P. T.
Your normal Selling Profit now	6/- on 15/- = 40%
YOUR BONUS SELLING PROFIT	7/6 on 15/- = 50% on SAL

*Monsol Pastilles at the new price will
bring you steady Profits this winter*

★ **STOCK UP NOW WHILE THE BONUS OFFER APPLIES**

Sole Distributors :—

FASSETT & JOHNSON LTD., 86, CLERKENWELL ROAD, E.C.1.

B.D.H. in the field of vitamins

EVER SINCE VITAMINS became an essential part of modern therapeutics B.D.H. research workers have engaged in constant investigation with the object of improving the potency or presentation of those substances already in general use, or increasing the range available.

Early examples were the introduction of the Carr-Price method for estimation of vitamin A and the production by molecular distillation of a tasteless, odourless vitamin A. Their most recent achievement was the isolation of pure crystalline vitamin B₁₂ from 'Anahæmin' and the subsequent introduction of 'Anacobin'.

In other directions the work has led to improvements in methods of manufacture or economies in production, many of which have resulted in price advantages to the consumer such as are now offered in reduced prices for Vitamin C B.D.H.

VITAMIN C B.D.H.

TABLETS OF B.D.H. VITAMIN C FOR INFANTS

	Pharmacists	Retail
<i>Each containing 5 mg.</i>		
Bottle of 50	10d.*	1/3*
" " 500	3/4	5/-*
" " 1000	6/-*	9/-*

TABLETS OF ASCORBIC ACID B.P.

<i>Each containing 25 mg.</i>		
Bottle of 20	8d.*	1/-*
" " 100	2/-*	3/-*
" " 500	6/8	10/-
" " 1000	12/8	19/-
<i>Each containing 50 mg.</i>		
Bottle of 20	1/-*	1/6*
" " 100	3/-*	4/6
" " 500	10/8	16/-
" " 1000	20/-	30/-

* Prices unchanged

Pharmacists · Retail

Each containing 100 mg.

Bottle of 20	1/6	2/3
" " 100	5/8	8/6
" " 500	20/8	31/-
" " 1000	38/4	57/6

Ampoules containing 100 mg.

Box of 6 × 2 ml.	3/-	4/6
" " 50 × 2 ml.	20/-	30/-

Ampoules containing 500 mg.

Box of 3 × 5 ml.	2/10	4/3
" " 25 × 5 ml.	19/-	28/6

Ampoules containing 1 gramme.

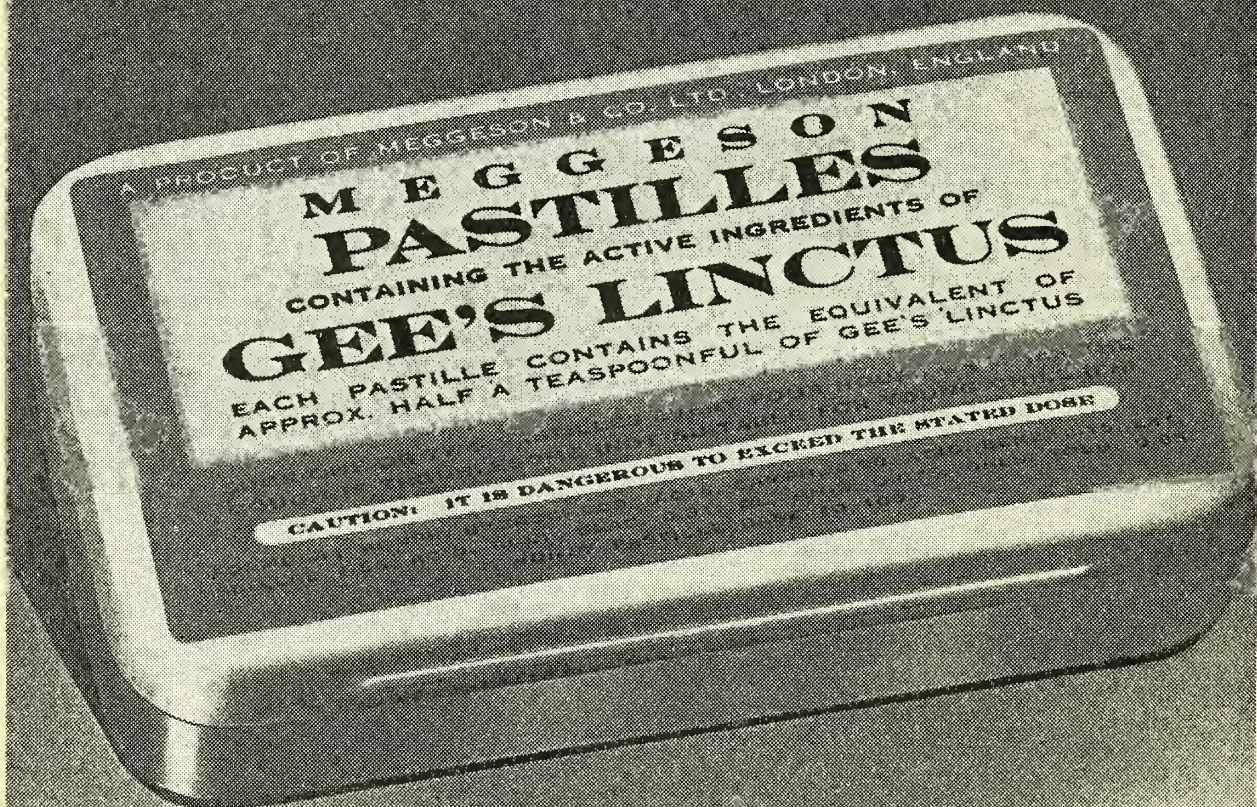
Box of 3 × 10 ml.	3/8	5/6
" " 6 × 10 ml.	7/-	10/6
" " 12 × 10 ml.	13/4	20/-
" " 25 × 10 ml.	25/-	37/6

A PRODUCT OF THE HOUSE OF



ESTABLISHED OVER A CENTURY AND A HALF

AND NOW...



RETAIL **1/6** PER TIN

WHOLESALE PRICE

9/- per dozen plus purchase

tax 3/- per dozen

MEGGESON & CO., LTD., LLEWELLYN STREET, LONDON, S.E.

A **WINNER**
FOR YOUR
WINTER
WINDOW!



Keep them on

'KEPLER'
TRADE MARK

The FOOD that keeps them fit



A BURROUGHS WELLCOME & CO. PRODUCT



Set a spur to winter sales by giving 'Kepler' a prominent display. Let the lively 'Kepler' showcard work for you as "silent salesman." Forceful advertisements for 'Kepler' will shortly be appearing in the "Radio Times" and other favourite family magazines with a readership of over 30 million. By linking up with this publicity campaign you can be sure of securing a satisfactory share of the profitable 'Kepler' market.

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BRAND

COD LIVER OIL WITH MALT EXTRACT



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GUTTAE SULPHACETAMIDE AND LIQUOR
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WITH OR WITHOUT DROPPERS
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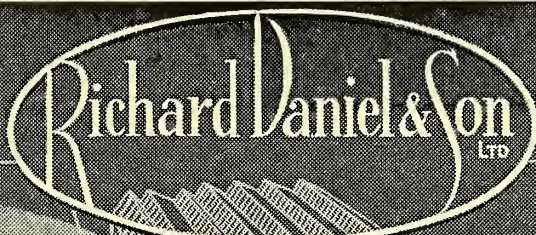
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for ~~convenient~~ penicillin therapy

‘DISTAQUAINE’_{brand} G

the original British procaine penicillin G
for aqueous suspension

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procaine penicillin G plus crystalline penicillin G
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procaine penicillin G in ready-prepared aqueous suspension

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SPEKE

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Tablet Contracts may
be booked for single or
assorted items to be
delivered over a period
of 6 or 12 months.

Details on request.



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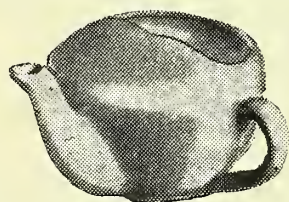
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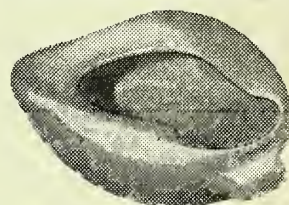
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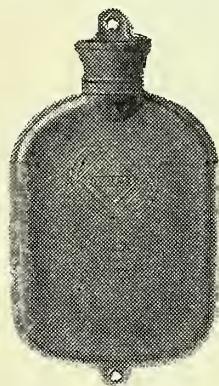
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Slipper,	each	13/4	15/-		
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A wide range of different sizes by the leading makers

DUNLOP

	Each	Retail
All-Rubber Flag	4/1½	7/3
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Also Noah's Ark and Suba Seal

Subject to 33⅓% Purchase Tax

Place your order now for the Winter Season

All goods carriage paid in free packages

MACDONALD & SON LTD.

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Why you should Sell

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MALT & COD LIVER OIL



BECAUSE of its unsurpassed quality and its ready acceptance by the public, Wander Brand Malt Extract and Cod Liver Oil is a product which the pharmacist can recommend with full confidence, and in his own best interests. Wander Brand Malt Extract and Cod Liver Oil is outstanding in its field and its pharmaceutical excellence is recognized by physicians. The Cod Liver Oil used is the best obtainable and the Malt Extract is specially prepared by A. Wander Ltd. who are leading authorities on its manufacture.

With its attractive appearance and toffee-like flavour, Wander Brand Malt Extract and Cod Liver Oil is thoroughly enjoyed by children and adults.

On the P.A.T.A.

*Trade Prices: 1 lb. Jars 18/9; 2 lb. Jars 35/-
Exempt from Purchase Tax*

*Trade Prices for 1 gross 1 lb. or equivalent :
21b. Jars 18/6; 21b. Jars 34/6
Exempt from Purchase Tax*

Retail Prices : 1lb. Jars 2/1; 2 lb. Jars 3/11½

NOTE—Also supplied if required with attractive labels bearing your own name, at competitive prices,

Attractive showcards available

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THE BARTLETT SERIES
of the

*Perfect
Eyebrow
Pencil*

**BLACK
LIGHT BROWN
DARK BROWN**

4/- dozen plus Purchase Tax
Fixed price to public 10d. each

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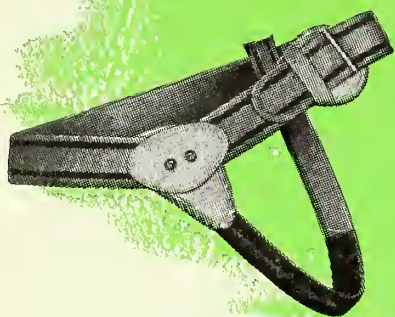
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THE FINEST ELASTIC
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ESTABLISHED 1858

*A profitable
bonus offer*

"ABECEDIN"

TABLETS

On direct orders for 2 doz. x 21 "ABECEDIN" Tablets we will give $\frac{1}{4}$ doz. bonus packings FREE. An additional $2\frac{1}{2}\%$ discount will be allowed for Cash with Order.

The $2\frac{1}{4}$ doz. packings will be supplied in an attractive outer for Counter or Window Display.

This offer shows the following advantageous returns:—



COST :

2 doz. at 4/3	=	£5	2	0
Less 25%	=	1	5	6
		£3	16	6

RETURN :

$2\frac{1}{4}$ doz. at 4/3	=	£5	14	9
----------------------------	---	----	----	---

PROFIT :

£1 18s. 3d.	=	{ 50% on Outlay.
		{ $33\frac{1}{3}\%$ on Turnover.

For Cash with Order—		{ 54% on Outlay.
PROFIT = £2 0s. 2d.	=	{ 35% on Turnover.

H. R. NAPP LIMITED

3 & 4, CLEMENTS INN, LONDON, W.C.2.

*on a rapid
seller*

Revolution

The NEW stream-lined refill-type sprinkler container

Minipac- TRADE MARK for DENTESIVE



MINIPAC has an outer case which slips over an inner chamber containing the powder. The inner chamber is withdrawn for refilling.

FOR YOUR CUSTOMERS . . .

- Most economical** ★ Neat handy refills give *more* powder for *less* money.
- Most efficient** ★ Holds dentures (upper and lower) more firmly and safely for a much longer time.
- Most convenient** ★ Slips as snugly into the vest pocket or handbag as a cigarette lighter—*always* available when needed.
- Most discreet** ★ MINIPAC gives no indication of its contents.

AND FOR YOU . . .

More Business—every sale of a MINIPAC means a regular purchaser of Refills



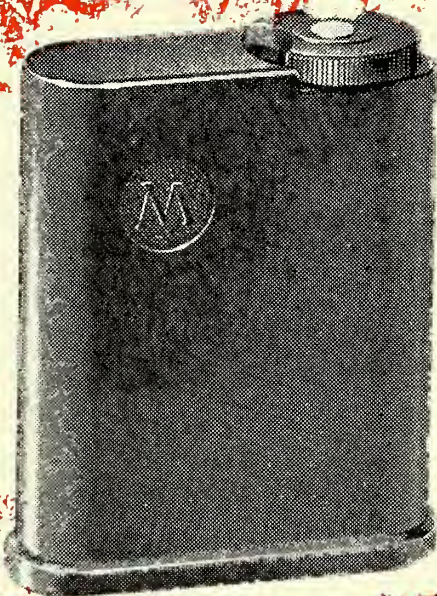
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DON S. MOMAND LTD.

57 ALBANY STREET, LONDON, N.W.1
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ARMY!

(patent
pending)



DENTURE FIXATIVE POWDER

THE BOON OF THE CENTURY
FOR DENTURE WEARERS!

73%

PROFIT!

ON THIS

INTRODUCTORY PARCEL!

Orders for introductory
parcels must be posted not
later than 31st October
1950. Maximum order—
Three parcels per shop.

YOU GET :

	£	s	d
(a) 15 MINIPAC Containers	2	12	6
(b) 15 Refills		15	0
(c) Display Showcard, with MINIPAC container affixed and illustrated leaf- lets for distribution to your customers	FREE		

Total Retail Value 3 7 6

YOU PAY £2 less 2½% cash discount, or nett £1.19.0

YOUR PROFIT — 73% . . £1.8.6

RETAIL PRICES — No P.T.

Containers (filled)	3/6
Refills (Two)	1/-

For regular trade terms, see
Distributor's Price List

DON'T DELAY-ORDER TODAY!

POST THIS COUPON

Fill in
number of
parcels required
and post NOW

Send.....

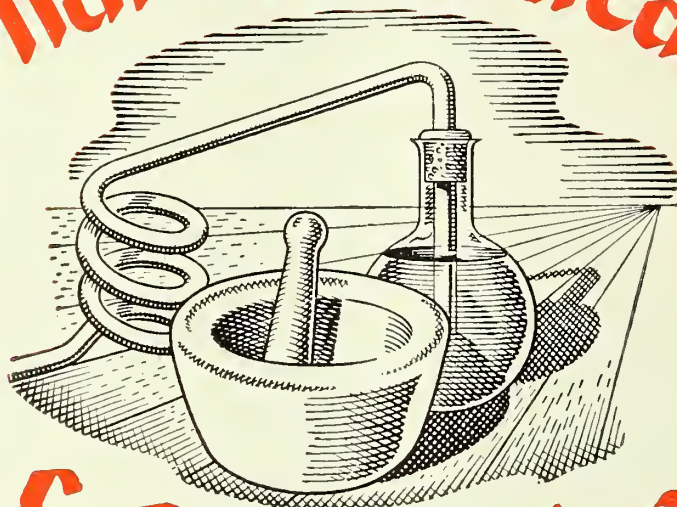
Minipac-Dentative Intro-
ductory Parcels at £2 each

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MONSANTO CHEMICALS FOR EVERY INDUSTRY

Pharmaceuticals



& Germicides

**ASPIRIN B.P.
ASPIRGRAN**

Crystals and Powder
A granular form of Aspirin specially evolved for direct tableting.

**PHENACETIN B.P.
SALICYLIC ACID B.P.
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SODIUM SALICYLATE B.P.**

Crystals and Powder.
White Flakes. White Powder.

**METHYL SALICYLATE B.P.
BENZOIC ACID B.P.
SODIUM BENZOATE B.P.
PHENOLPHTHALEIN B.P.
VANILLIN****PHENOL B.P.**

Ice Crystals. Detached Crystals.
Liquefactum B.P.

**CRESOL B.P.
CRESANTOL 3 (Benzyl Cresol)
P.C.M.X. (Chloroxylenol B.P.)
CRESANTOL 15 (Chlorinated Xylenols)****P.C.M.C. (Chlorocresol B.P.)**

An auxiliary germicide.



NEW**'Eskamel'****a significant advance in acne therapy**

FORMULA : *Resorcinol 2%, sulphur 8%, in a stable, grease-free, flesh tinted base.*

'Eskamel' retails at 4/6d. a tube, trade price 32/6d. per doz., plus Purchase Tax 10/10d.

● 'Eskamel' presents sulphur and resorcinol in a new, non-greasy ointment base which ensures maximum therapeutic effectiveness. Delicately flesh tinted, 'Eskamel' harmonizes so well with the skin as to be virtually invisible, and provides an almost imperceptible mask for unsightly lesions. 'Eskamel' is intentionally designed to dry quickly when applied. So that it will not evaporate in the package, it is supplied not in jars but in specially-lined 1-oz. tubes. 'Eskamel', therefore, should always be dispensed in the original tube.

**'Eskamel'****Issued in 1 ounce tubes**

MENLEY & JAMES, LTD., 123, COLDHARBOUR LANE, LONDON, S.E.5
for Smith Kline & French International Co., owner of the trade mark 'Eskamel'

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22,297,000
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**Bigger Sales!
Bigger Profits!!
Bigger Discounts!!!**

REMINGTON RAND LTD. (SHAVER DIVISION)

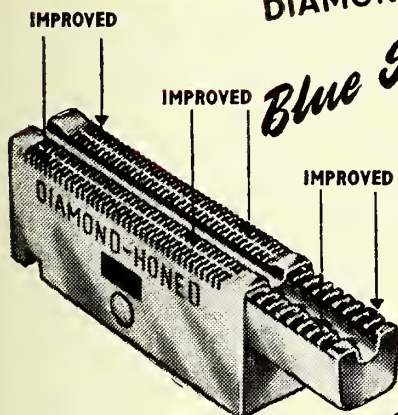
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DIAMOND HONED

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HEAD



*In the *NEW
Master-Design
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Case*



Multiple Shaving Heads!

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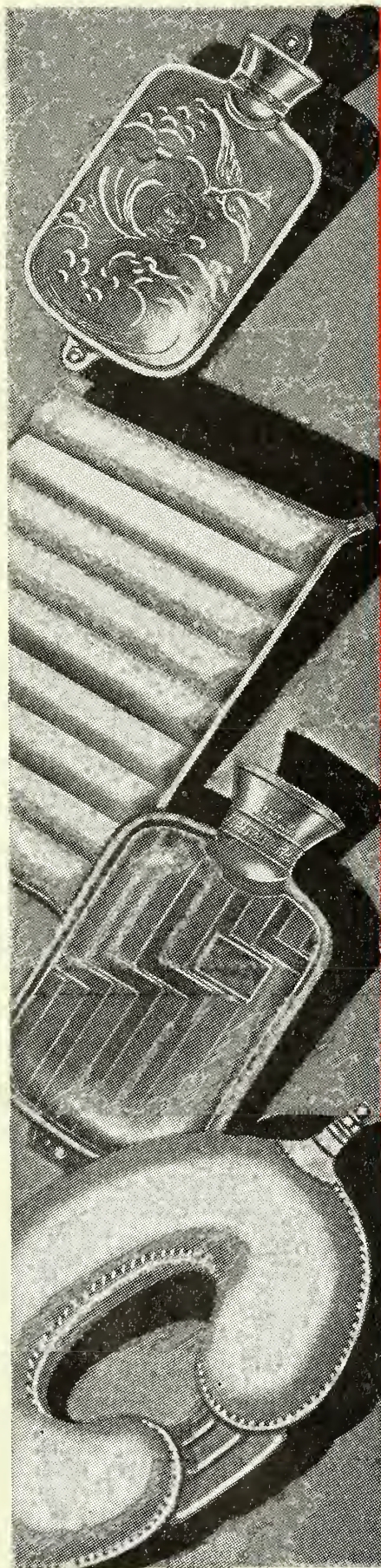
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More Remington Electric Dry Shavers
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*It's the
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Personal Gift*

**ORDER NOW FOR THE
CHRISTMAS TRADE**

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*There's a market
in every home
for —*

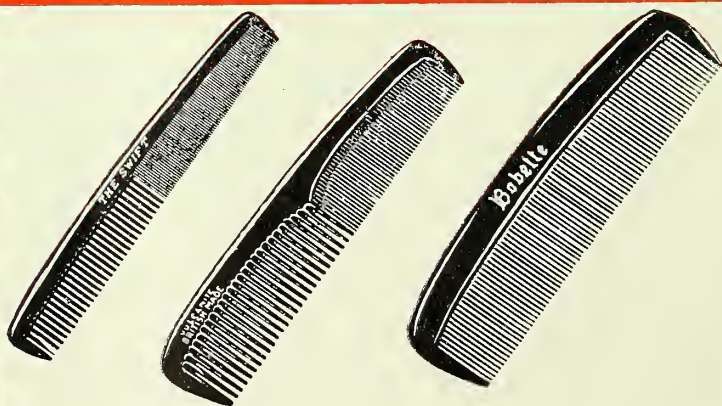
NORTH BRITISH

RUBBER PRODUCTS & VULCANITE COMBS

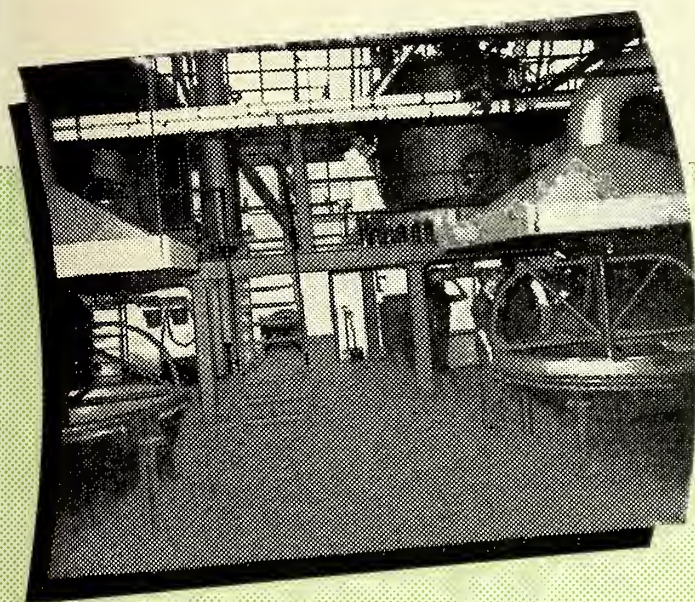
There is a sustained demand for North British Rubber Products. Because of their enduring quality and fine finish you can confidently recommend them—and quickly sell them.

North British Vulcanite combs have everything to recommend them—strong, flexible, beautifully rounded teeth, resistance to the action of sterilizing and hairdressing preparations, electrical properties that stimulate scalp and hair, and designs that meet every need and taste.

Send for Illustrated List and order through your wholesaler.



Where experience counts...5



A section of the main still room in the Ransom Laboratory

The production of the finest essential oils is an art resulting from much care, diligence and long experience.

In over 100 years William Ransom & Son, Ltd., have accumulated a wide knowledge of

distillation processes and this valuable experience ensures products of the highest quality.

ACTUAL GROWERS OF

BELLADONNA · HENBANE

PEPPERMINT

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EXTRACTS

(Solid and Liquid)

TINCTURES · RESINS

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ESSENTIAL OILS · CHLOROPHYLL



MANUFACTURING CHEMISTS AND GROWERS OF
MEDICINAL PLANTS FOR OVER A CENTURY

WILLIAM RANSOM & SON LTD.
Hitchin Hertfordshire England



IN MATTERS CONCERNING FEMININE HYGIENE...

SHE LOOKS TO
you **FOR**
PROFESSIONAL ADVICE

The responsibility to give professional advice when called upon has placed pharmacy in a position of high esteem, and it is a service especially valued by women. When it is a question of family limitation it is always wise to suggest a Rendells Product. As pioneers of the chemical contraceptive we can now offer a range of preparations to suit every individual requirement.

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RENDELL GELS
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Rendells

PRODUCTS FOR FEMININE HYGIENE

W J RENDELL LTD HARDWICK HOUSE 161-5 ROSEBERY AVENUE LONDON EC 1

Now available
to all
Chemists...



'NIAGARA' Brand Blackcurrant Syrup is rich in Vitamin C and is thus specially suitable for children, invalids and nursing mothers. It contains not less than 20 mgms. Ascorbic Acid per fluid ounce, and sufficient is now available for all to be supplied.

Sole Makers:

BARNETT & FOSTER LTD.

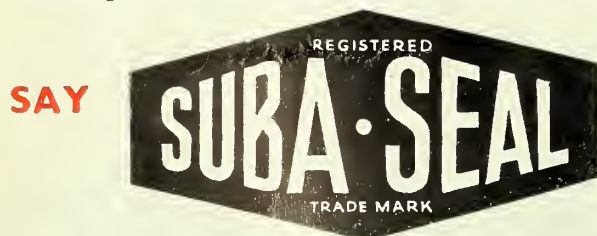
NIAGARA WORKS, EAGLE WHARF ROAD, N.I.

Established in the Year 1858

EAR, NOSE, THROAT
& DENTAL SYRINGES
RECTAL SYRINGES
& POWDER BLOWERS

*Each one
Individually packed
in neat carton!*

Suba-Seal bulbs are supplied with a large variety of differently shaped nozzles to suit all purposes—each design has been specifically prepared for the use to which the bulb will be put. Manufactured to rigid limits and made from rubber throughout, Suba-Seal bulbs are far and away the most reliable and efficient products of their kind. **Suba-Seal Contract Holders** are entitled to additional bonus on these and many more pharmaceutical lines. Don't delay—order today—and secure bigger profits.

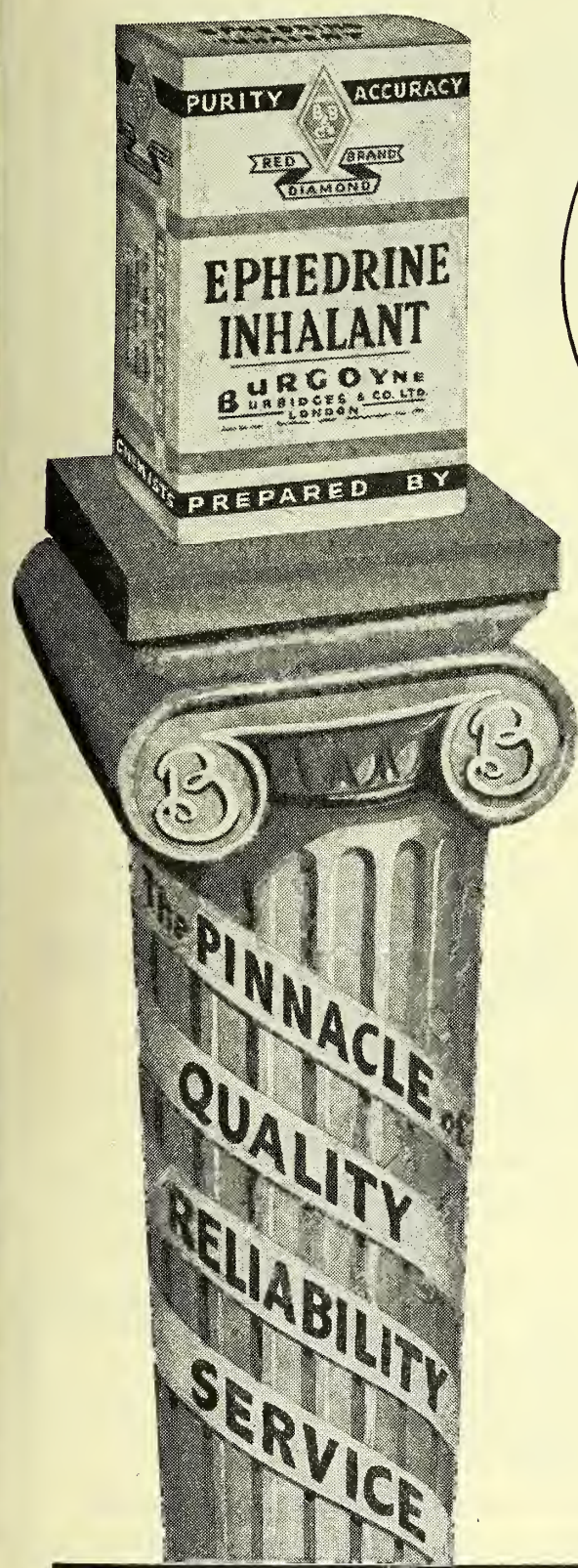


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Subaseal Works, Peel St., Barnsley, Yorks.
Phone: Barnsley 4081. Grams: "Subaseal," Barnsley
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The best of its kind, always 'above' the average



EPHEDRINE INHALANT

for the treatment and
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Fever, Sinusitis, Etc.

A 'RED DIAMOND' PRODUCT

1 oz. Bottles, elegantly cartoned, cel-
lophaned, complete with dropper.
10/6 a doz. + P.T. $\frac{1}{3}$ rd.

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Established 1741. & COMPANY LIMITED, LONDON. E.6

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PERSONAL SERVICE
SPEEDY & DELIVERY
COURTESY & PUNCTUALITY
NO LIMIT TO VARIETY & NUMBER
COMPREHENSIVE RANGE OF SUNDRIES
PATENTS·TOILETS·PACKED GOODS AND
ETHICALS OF WELL KNOWN HOUSES

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Your Service

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ALLIED DRUG & CHEMICAL CO

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Insulin, Streptomycin, Penicillin; also D.D.A. Preparations in stock.



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KATWIJK - ANN - ZEE
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CAFFEINE AND SALTS

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PURE, SODIUM AND CALCIUM

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DENCLEN

Economical

No Soaking

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FOR
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DENTURES

3/- per bottle inc. tax. 33½ discount. Showcards supplied
KRAUTH CHEMICALS, 49a HIGH STREET
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5 Lines

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PARATHYROID POWDER
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OVARIAN WHOLE GLAND
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PITUITARY WHOLE GLAND
POWDER



QUALITY AND SERVICE

for

**GALENICALS TABLETS
CAPSULES INJECTIONS
PENICILLIN PREPARATIONS**

DUNCAN, FLOCKHART & CO., LTD.
EDINBURGH & LONDON



Our new revised prices for "Larola" and Beetham's Glycerine and Cucumber become operative from Oct. 1st next and ensure for you a bigger margin of profit because, though retail selling prices have been increased, wholesale prices remain unchanged.

Order through your wholesaler or direct from:

**M. BEETHAM & SON
CHELTENHAM**

NEW RETAIL PRICES

(Operative from October 1st.)

GREATER PROFIT FOR YOU

	Basic Retail Price	Wholesale Price per doz.	Retail Price (inc. P. Tax)
LAROLA	1/9 3/-	14/3 24/-	2/11½ 5/-
BEETHAM'S GLYCERINE & CUCUMBER	1/3 2/3 3/-	10/- 17/6 24/-	2/1 3/8½ 5/-

The above prices are subject to a further
10% DISPLAY DISCOUNT
on all orders value £5 and over (excluding P. T.)
Full Price List of all Larola Toilet Preparations
available on request.

We invite you to visit us at
STAND NO. 17 at the CHEMISTS' EXHIBITION



Keep them skipping fit Mother!

EDME
with **"Autumn Sun"**
EXTRACT OF MALT
WITH COD LIVER OIL
The finest protection for chills and ills

Have you seen

THIS

new beautifully designed
showcard size 23" x 17½" in
full colours?

With the two side panels 17" x 10½"
each also supplied, the whole makes
an attractive window display that
compels attention, and creates sales.

THE COMPLETE SET IS FREE. Ask
our representative, or write to us
for your FREE set.

EDME "AUTUMN SUN" is the
Malt and Oil with the "taking
flavour."

For prices and further particulars write to:—

EDME LIMITED
84-86 REGENT ST., LONDON, W.1
Phone: Regent 5563-4

BURNSIDE'S EUCALYPTUS OILS

Distilled in Australia by the largest distillers and refiners of Eucalyptus Oils
in the world.—W. K. BURNSIDE, PTY., LTD., MELBOURNE, AUSTRALIA

80/85% B.P.
Oil Euc. Dives 40/45%
Oil Euc. Citriodora

70/75% B.P.
Piperitone 90/95%
Oil Euc. Phellandra

Phellandrene
UNIFORMITY OF QUALITY CONSISTENCY OF ODOUR

Agents for U.K.: **WILSON & MANSFIELD, LTD., 15 Philpot LANE, LONDON, E.C.3**

Phone: MANSION HOUSE 9264-5-6

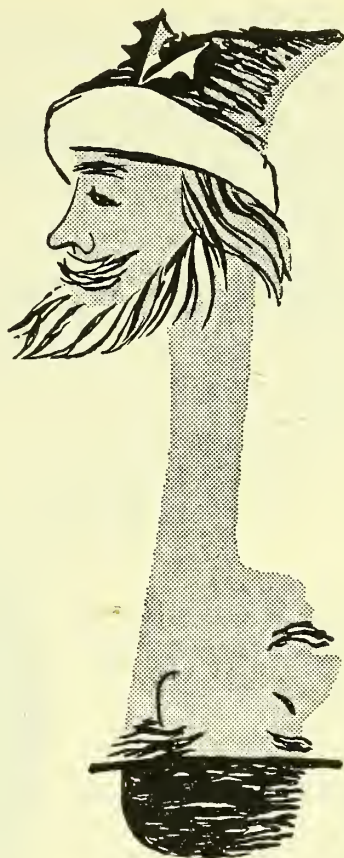
(WHOLESALE ONLY)

Grams: WYFIELD, LONDON

TANNIC ACID AND DERIVATIVES

(Bulk
Supplies
Only)

THE BRITISH DYEWOOD COMPANY LIMITED
19 St. VINCENT PLACE, GLASGOW, C.1

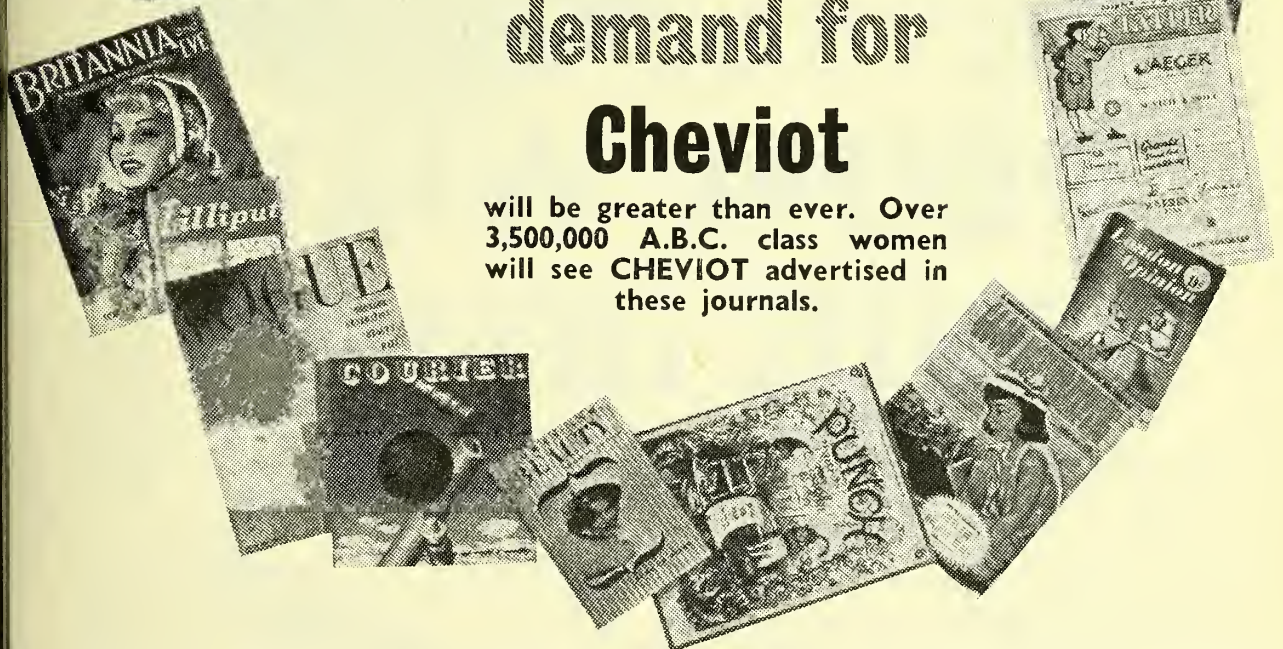


Sales of this exclusive range of 'THINGS FOR MEN' will be strengthened by a widespread advertising campaign aimed directly at women, to appear in leading journals during the Christmas buying period. CHEVIOT appeals to women as an ideal gift for their menfolk, be sure you are stocking and showing this profitable line.



Christmas demand for Cheviot

will be greater than ever. Over 3,500,000 A.B.C. class women will see CHEVIOT advertised in these journals.



The range of packs includes special Christmas designs; and provides a choice of gifts with an expensive air, at prices from 4/9d. to 45/- . . . matched to every purse.

If you order NOW, we can guarantee delivery to meet your requirements. Send for full details of pack designs, and prices from Cheviot, Darley House, West Street, Leeds.

Cheviot after shave, hair oil, hair lotion, cologne

Colder weather coming!

PREPARE NOW WITH STOCKS OF

Advertising for Amami Hand Jelly in women's magazines is booked for the cold weather. This famous product has a new improved formula—for keeping more busy hands beautiful during the coming months.

AMAMI
Almond Oil
HAND JELLY

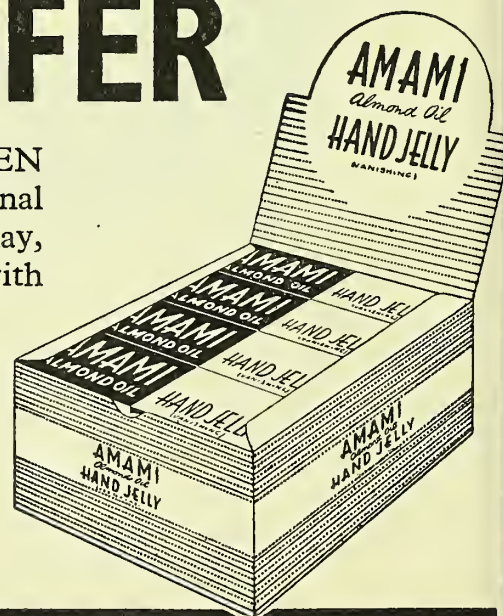
SPECIAL WINTER BONUS OFFER

Take advantage of Amami's special THIRTEEN TO THE DOZEN bonus offer to meet the seasonal demand. In return for two week's window display, there is a FREE tube of Amami Hand Jelly with every dozen ordered. Stock up with this popular line, which retails at 1/3 — enjoy the greater profit margin on increased sales.

TERMS :

6 doz. and over 5/7 per doz.
3—6 dozen 5/10 per doz.
Under 3 dozen 6/4 per doz.

Offer open until October 30th 1950.



TO MEET A REAL DEMAND

Amm-i-dent

in TOOTHPASTE form

AT last, we have succeeded in producing Amm-i-dent's Dibasic Ammonium Phosphate-Carbamide principle in toothpaste form.

Now the thousands who have been told by their Dentists that Amm-i-dent really does reduce dental caries, can get it in the form they prefer.

Amm-i-dent Toothpaste is just as effective in preventing decay as Amm-i-dent Powder. It has a distinctive refreshing flavour which will prove very popular and it makes and keeps teeth beautifully white. It is, in fact, the perfect toothpaste at last.

Take advantage of the introductory Bonus offer today and see how quickly your customers clear your stocks.

INTRODUCTORY BONUS OFFER

For a limited time, on all first orders we will charge each dozen as 11. Each dozen packed in striking, counter saving display container. Normal terms 12/7 per dozen, plus 4/1 Purchase Tax. Retail 1/9 a tube, inc. Tax.

Post your order today to:—

WALTER CROWE, LIMITED

3 & 4 LITTLE RUSSELL STREET, LONDON, W.C.1

Sole Distributors of Amm-i-dent Toothpaste

Made and guaranteed by WERNET DENTAL MFG. Co., Hatfield, Herts.

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RelianceTRADE
MARK**THE WORLDS FINEST AND
MOST ATTRACTIVE MOULDED
HOT WATER BOTTLES SEAMLESS**

BEING THE "ORIGINATORS" OF THIS LINE IN
GREAT BRITAIN AND THE LARGEST PRO-
DUCERS IN THE WORLD WE CAN OFFER YOU
A REALLY BEAUTIFUL RANGE—EACH PACKED
IN CELLOPHANE BAGS

BRIGHT COLOURS—SUPERB FINISH

Place your order for the coming season **NOW** to ensure
supplies. Over 40 models produced.

Phone or write for samples and prices

RELIANCE RUBBER CO. LTD
LOTS ROAD · LONDON · S.W.10

ESTABLISHED 1889

Phone: Flaxman 6200 and 0985/6. Grams: 'Doorstop' Fulroad, London

**ENTROSALYL**

Capsules

A new presentation of sodium salicylate in capsule form which obviates all the disadvantages associated with the administration of sodium salicylate in its usual form.

Each capsule contains 0.5 G. sodium salicylate and may be taken with complete freedom from nausea or gastric irritation.

P.A.T.A. Trade Prices:—

50's 32/- per doz. + 10/4 P.T.
200's dispensing pack 116/- per doz.
1000's dispensing pack 400/- per doz.

(Dispensing Packs tax free)

CONTINENTAL LABORATORIES LTD.

101 Great Russell Street, London, W.C.1.

Telephone: Museum 2042-3

Telegrams: Taxolabs, Phone, London

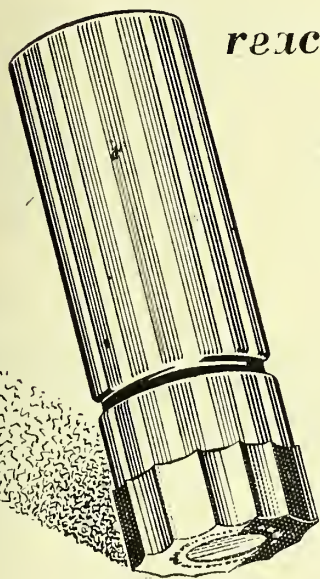
THE NEW 2'6 SIZE *Tangee*

(including Purchase Tax)

in its Sparkling Goldtone Case

reaches the Highest Standard

in LIPSTICK value!



- ★ PINK-QUEEN
- ★ GAY-RED
- ★ MEDIUM-RED
- ★ RED-RED
- ★ THEATRICAL-RED
- ★ NATURAL

The new 2/6 size Tangee makes history. Women everywhere approve its perfected formula, its finer texture. They find Tangee does not smear and is easy to apply. Six flattering shades cope with every complexion demand, whilst the exclusive Petal Finish satisfies the most fastidious. In its glittering jewel-like Goldtone case, the 2/6 Tangee is irresistible.

See our Representative or post your order to

SOLE DISTRIBUTORS FOR
THE UNITED KINGDOM

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209-215 BLACKFRIARS ROAD, LONDON, S.E.1

AN ALL COTTON WOOL PRODUCT OF REPUTE

Consolux

Patent No. 410702
(Registered)

**SUPERFINE QUALITY
ALL WOOL SANITARY TOWELS**

**LOOPED ENDS
NON-ABSORBENT BACK
WHOLESALE ONLY**

ROBERT BAILEY & SON, LTD.
SURGICAL DRESSING MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCKPORT
Phone: GREAT MOOR 3006 Grams: "UNDISPUTED," STOCKPORT

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**FROM OUR
OWN GROWERS**

*Alexandrian & Tinnevely
Pods, Leaves, Siftings*

John Ronaldson & Co. Ltd.

110 Cannon St., London, E.C.4 Phone: MANsion Hse 1321

**Unwanted Hairs Vanish in
Seconds with**

Vanaire

The Cold Wax Creme
Nationally featured by fine editorial
mention in the most important Women's
magazines. A long felt need now met.

**NO HEATING, NO WAITING, CLEAN, SAFE,
Easy to use on FACE, ARMS LEGS**

Retail 6/3 (Inc. P.T.) Wholesale 30/- per doz. (plus P.T.)

VANAIRE WELLINGBOROUGH, NORTHANTS
Agents required everywhere.

RECOMMEND

S.D.2

with confidence

**PENETRATES and REBUILDS DAM-
AGED TISSUE in SKIN ILLNESSES**

Remarkable for the Treatment of Burns,
Spots, Rashes, etc.

BIO-COLLOIDS LTD., Altrincham, Cheshire
B085

CARTONS & BOXES
PRINTED OR PLAIN
OF EVERY KIND, FOR EVERY PURPOSE
CARTON BOX & PRINTING CO. LTD
BRINKSWAY, STOCKPORT
PHONE:- 570, 5700
TRANSPARENT BOXES

WE WANT

Sole Manufacturers: JEFFREYS,
MILLER & CO. LTD., Leyland Mills,
Wigan. (London Dept. 19 Brookside Rd. N.19)

MILLAMALT

BECAUSE OF THE BUTTERSCOTCH FLAVOUR

"CELLOPHANE" BAGS

A FEW STOCK SIZES. ALL PER 1,000

1½ x 2½ .. 12/6	3½ x 8 .. 35/-	5 x 5 .. 30/-
2½ x 4 .. 18/-	4 x 4 .. 23/6	5½ x 6½ .. 37/6
3 x 5 .. 24/-	4 x 7 .. 35/-	5 x 9 .. 45/-
3½ x 6½ .. 30/-	4½ x 8 .. 37/6	5½ x 10 .. 50/-

"CELLOPHANE" SHEETS FOR WRAPPING
20 x 30. 55/- 500. Rolls. 5yds. x 20". 18/- doz.

Also ROLLS and SHEETS PLAIN and COLOURS

Large stocks of WINDOW DRESSING PAPERS, Etc.
SAMPLES WITH PLEASURE

ALLAN'S 37, FARRINGDON STREET, LONDON, E.C.4
PHONE: CENTRAL 5947 • GRAMS: SUNFLECTA, CENT, LONDON
(UNDER HOLBORN VIADUCT) Business Hours: 9 a.m. to 6 p.m. Closed Saturdays

SURE-SELLING STOCK!

OVER 150 YEARS REPUTATION
KEARSLEY'S

THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

9d. BOX PROFIT by ordering 1 dozen
3/3½ size. Bonus given on every
dozen (13). It pays to push this size

C. & G. KEARSLEY LTD.
71 Dartmouth Rd., London, S.E.23
EST. 1787

Here's the world's most popular ➡ **DRESSED** 3[★] **NEW WAYS** hand cream

Grand new packs will sell really fast...

★ THE HINDS SQUEEZE BOTTLE

Unbreakable, lightweight, refillable. Simply squeeze the sides gently for *just the right amount* of Hinds Cream. A blessing to women . . . a boon to *you*! It sells itself! To retail at 4/6d. a bottle.



And in time for Christmas



★ THIS DIGNIFIED TWIN SET PACK

Hinds Cream and Hinds Talcum Powder in the styled-for-beauty bottles. Retail price—3/11d.

★ THIS BEAUTIFUL HOLIDAY BOX

For the large size Hinds Cream. To be sold at the usual price of 3/9d. Just the kind of presents for Christmas giving — just the kind of products for Christmas business!



To increase the demand for these 3 new packs sparkling advertising will appear regularly in

**RADIO TIMES • WOMAN'S OWN • WOMAN
WOMAN'S WEEKLY • WOMAN'S ILLUSTRATED**

Place an order for these quick-selling profit makers straight away! Today!
Lehn and Fink Products Ltd., Raynes Park, London, S.W.20.



Gillette Christmas sales !

I'm going all out to bring you record Gillette sales this year. For the vital pre-Christmas shopping weeks I'm appearing in a nation-wide advertising campaign featuring the 16, 22, 44, 53 Sets, Blue Gillette Blade Dispensers and Gillette Shaving Brushes. Your customers will see me with my message everywhere. Back me up with good eye-catching display. Make sure your stocks are sufficient to stand a really exceptional demand. This is an outstanding opportunity to make big and profitable sales.

Trade enquiries to your usual wholesaler or direct to Gillette Industries Ltd., Great West Road, Isleworth, Middlesex.

STOCK 'PINEATE' now

and be ready for

AUTUMN & WINTER COUGHS

You CAN help COUGHING

The very first spoonful of 'Pineate' brings you relief. There's pure Honey to ease the soreness, Pine and Peppermint Oils to soothe the chest and lungs, Squill and Ipecac. to loosen the stubborn phlegm. Whether it's just a 'tickling' throat or a deep hacking cough, you can depend on 'Pineate'.

Price 1/11 inc. P.T.

TACKLE IT WITH ...

Pineate
HONEY COUGH-SYRUP

You can taste the HONEY in 'PINEATE'!

It's a HONEY of a COUGH-SYRUP!

Display the lines that sell — the lines that are Nationally Advertised. Your customers will soon be seeing the new 'Pineate' campaign so be sure you get your share of this business by displaying 'Pineate' on your counter.

Selling Price (inc. P.T.) 1/11d. per bottle. Trade price (excl. P.T.) 13/9d. per doz. Purchase Tax 4/7 per doz.

YOU GET AN EXTRA 12½%
*on an I.C.C. £10 parcel**
selected from any of these lines

'PINEATE' Honey Cough-Syrup. 'ALKIA' Saltrates. 'ANNE FRENCH' Cleansing Milk. 'ANADIN.' 'BiSoDoL.' 'BISURATED' Magnesia. 'FREEZONE' Corn Remover. 'KOLYNOS' Products. 'LYSTONE' Salts. 'REUDEL' Bath Salts.

★ YOUR SELLING PRICE	- - - -	£13 6s. 8d.
YOUR OUTLAY (£10 less 12½%)	-	£8 15s. 0d.
YOUR PROFIT	- - - -	£4 11s. 8d.



Pineate Honey Cough-Syrup

TRADE MARK

International Chemical Co. Ltd., Chenies Street, London, W.C.1

GREY HAIR?

THE ANSWER IS

INECTO-RAPID

- ★ *The best-known hair dye all over the world*
- ★ *Exactly reproduces nature's own colouring*
- ★ *Guaranteed permanent.*
- ★ *Unaffected by permanent waving*
- ★ *Clean and very simple to apply*

INECTO

SUPPLIES THROUGH
YOUR USUAL WHOLESALER

Prices are as follows :—

	WHOLESALE	P.T.	RETAIL
Full-size outfit (4 pairs of bottles)	84/- doz.	84/-	17/6
Trial-size outfit (1 pair of bottles)	30/- doz.	30/-	6/-

ENQUIRY BUREAU:
INECTO HOUSE
27 DOVER STREET, LONDON, W.1
Telephone: Regent 7541

Askit

THE POWDER WITH A REPUTATION

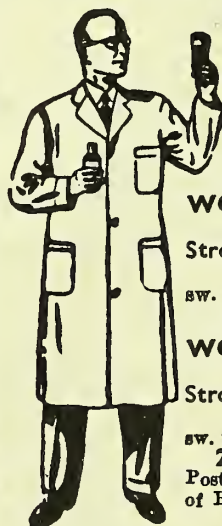
**For over 30 years
Scotland's leading
Proprietary Medicine**

for the speedy relief of
Headaches, Neuralgia, Neuritis
and all Nerve Pains

Manufactured by
ASKIT LTD MANUFACTURING CHEMISTS
GLASGOW N

and stocked by
ALL LEADING WHOLESALE HOUSES

GARDINER'S FOR COATS



MEN'S WHITE DRILL LONG COATS

Strongly made. Shrunken.
36" to 44" Chest.

35/6 each

WOMEN'S WHITE DRILL OVERALLS

Strongly made. Shrunken. Wrap-over style.

SW. W. & WX.	O.S.	XOS.
26/11	28/6	30/-

WOMEN'S WHITE DRILL OVERALLS

Strongly made. Shrunken. Coat style.

SW. W. & WX.	O.S.	XOS.
29/9	30/3	31/11

Postage and Packing 1/- extra. Hours of Business — 9—5.30 p.m. Closed Thursday 1 o'clock.

Gardiner & CO. (The Scotch House) Ltd.

1, 3 and 5 COMMERCIAL ROAD, LONDON, E.1
Opposite Aldgate East Station. Phone: BIS 6751 (3 lines)

Branches: DEPTFORD, S.E.8;

WOOLWICH, S.E.18; CLAPHAM, S.W.11

FOR HOME & EXPORT

**META AMINO
PHENOL 99/100%**

**PAS ACID
PAS SODIUM
PAS CALCIUM**

in Bulk and Tablet forms

SULPHA DRUGS

**EPHEDRINE
HYDROCHLORIDE**

SULPHONES
(Export only)

VITAMIN B₂

● *We can
supply these
and many other
drugs advan-
tageously.*

**M·W·HARDY
& CO. LTD**

6 BILLITER STREET · LONDON · E.C.3
TELEPHONE: ROYAL 8343 (10 LINES) · TELEGRAMS: HARDICHEM · LONDON

The new standard in LIVER EXTRACTS

PERNAEMON FORTE AND PERNAEMON CRUDUM NOW
STANDARDISED ON VITAMIN B₁₂ CONTENT

PERNAEMON FORTE now contains in each 1 cc. the haemopoietic factors of liver *including* a guaranteed B₁₂ content of 20 micrograms. It is indicated for true pernicious and most megaloblastic anaemias. In this highly purified liver preparation the B₁₂ content is standardised by sensitive cross-check methods of assay.

PERNAEMON CRUDUM, for those who prefer a whole liver extract, contains within its Vitamin B complex not less than 3 micrograms of B₁₂ in each 2 cc.

Price List on request.

PERNAEMON

Forte : 1 cc. ampoules. Boxes of 3, 6, 12, 50. Also 5 cc. vials.

Crudum : 2 cc. ampoules. Boxes of 3, 6, 12, 50. Also 10 cc. vials.



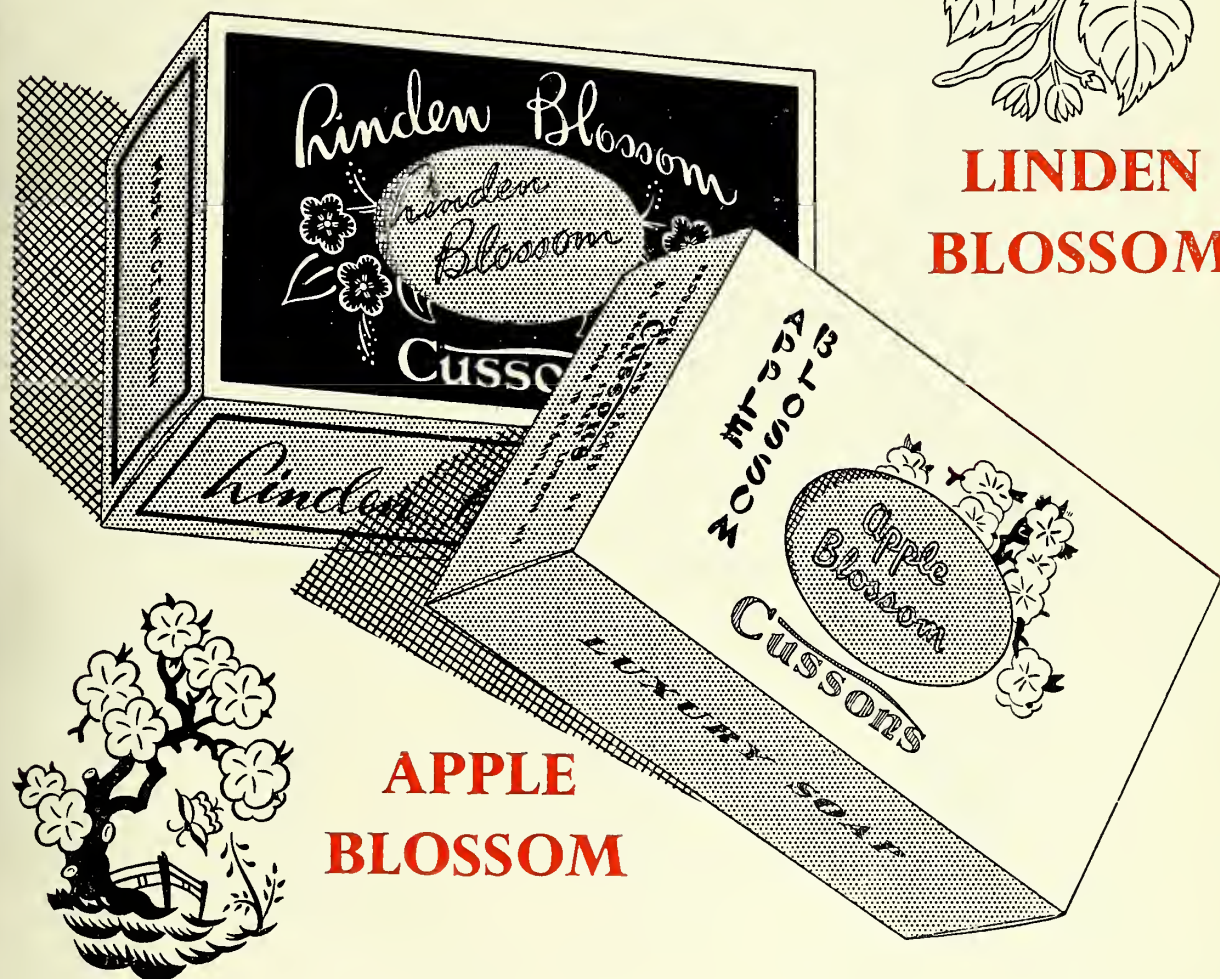
ORGANON

ORGANON LABORATORIES LTD., BRETTEHAM HOUSE, LONDON, W.

Printed by THE HAYCOCK PRESS, LTD., 106-140 Neate Street, Camberwell, S.E.5, and Published by the Proprietors,
MORGAN BROTHERS (PUBLISHERS), LIMITED, at 28 Essex Street, Strand, London, W.C.2.



**LINDEN
BLOSSOM**



**APPLE
BLOSSOM**

Two attractively cartoned,
delicately perfumed Toilet Soaps
by the makers of the world-renowned
IMPERIAL LEATHER
Toilet Soap and Toilet Luxuries

Cussons

CUSSONS SONS & CO. LTD
84 BROOK ST, LONDON W.1

The
CHEMIST AND DRUGGIST

OCTOBER 7, 1950



MODERN PROCESSES

PHARMACEUTICAL PREPARATIONS . . .

The extensive production facilities that the COX ORGANISATION has to offer which include most modern machines and techniques backed by over a century of manufacturing experience, enable us to give an outstanding and dependable service to the Pharmaceutical industry in all parts of the world.

MANUFACTURES INCLUDE —

PILLS and TABLETS

— BULK OR PACKED —

PASTILLES • CAPSULES

SOLVELLAE

SUPPOSITORIES

OINTMENTS

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PACKED SPECIALITIES

Complete production of
'OWN NAME' products

ARTHUR H. COX
& CO. LTD.

MANUFACTURING CHEMISTS

BRIGHTON, 7, SUSSEX,
ENGLAND

MODERN PLANT



